

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH



DIVISION OF HIV/STD SURVEILLANCE QUARTERLY

September 30, 2002

THIRD QUARTER, 2002

Volume 10, Number 4

DIVISION OF HIV/STD SURVEILLANCE QUARTERLY

Virginia Cases Reported Through September 30, 2002

Third Quarter, 2002

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www.vdh.state.va.us/std

TABLE 1.A HIV and AIDS Cumulative Case Summary

GENDER	HIV		AIDS	
	No.	%	No.	%
Male	10,505	73.0	11,873	82.1
Female	3,888	27.0	2,583	17.9
Total	14,393	100.0	14,456	100.0
RACE/ETHNICITY				
White	4,247	29.5	5,976	41.3
Black	9,482	65.9	7,845	54.3
Hispanic	467	3.2	518	3.6
Asian/Pacific Islander	93	0.6	94	0.7
American Indian/Alaskan Native	11	0.1	14	0.1
Unknown	93	0.6	9	0.1
Total	14,393	100.0	14,456	100.0
AGE ¹				
0-12	138	1.0	174	1.2
13-19	481	3.3	73	0.5
20-29	4,727	32.8	2,493	17.2
30-39	5,631	39.1	6,461	44.7
40-49	2,585	18.0	3,796	26.3
50 and Over	826	5.7	1,459	10.1
Unknown	5	0.0	0	0.0
Total	14,393	100.0	14,456	100.0
MODE OF TRANSMISSION				
Men Having Sex with Men (MSM) ²	5,102	35.4	7,155	49.5
Injecting Drug Use (IDU)	2,620	18.2	2,565	17.7
MSM & IDU	666	4.6	751	5.2
Hemophilia	71	0.5	104	0.7
Heterosexual Contact ³	2,784	19.3	2,074	14.3
Transfusion Blood/Products* ⁴	120	0.8	269	1.9
Other:				
No Identified Risk (NIR)	826	5.7	405	2.8
Multiple Heterosexual Contacts ⁵	714	5.0	260	1.8
Undetermined/Unknown ⁶	1,352	9.4	679	4.7
Adult/Adolescent Sub-Total	14,255	99.0	14,262	98.7
Pediatric ⁷	138	1.0	194	1.3
Total	14,393	100.0	14,456	100.0
REGION				
Northwest	765	5.3	988	6.8
Northern	3,234	22.5	4,284	29.6
Southwest	1,169	8.1	1,274	8.8
Central	3,690	25.6	3,346	23.1
Eastern	5,535	38.5	4,564	31.6
Total	14,393	100.0	14,456	100.0

* One adult became infected with HIV after receiving blood screened for HIV antibody.

Figure A. HIV and AIDS Cumulative Summary Charts

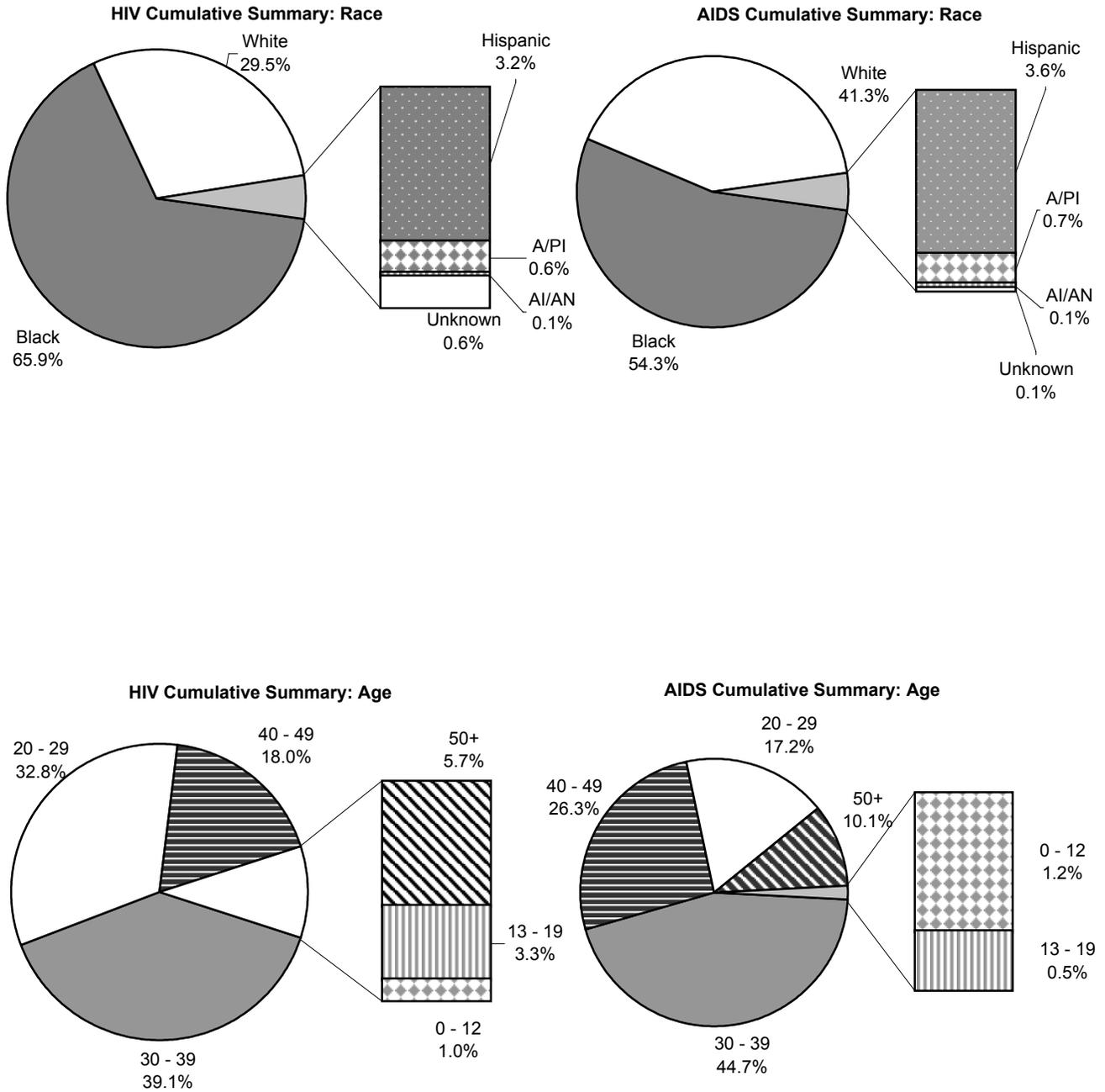
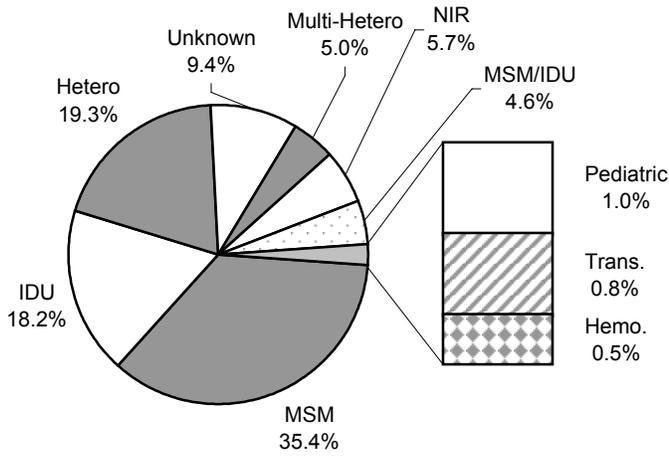
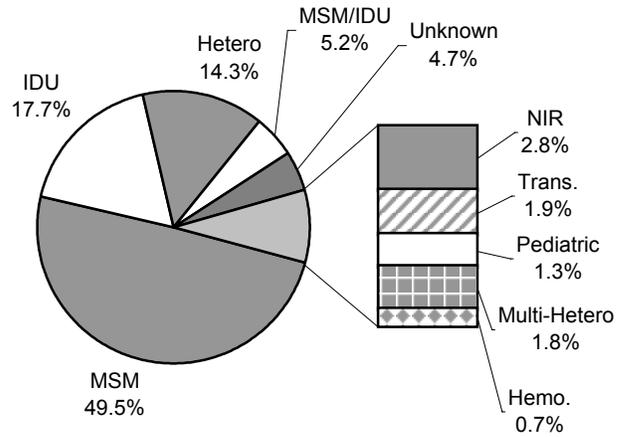


Figure A. HIV and AIDS Cumulative Summary Charts

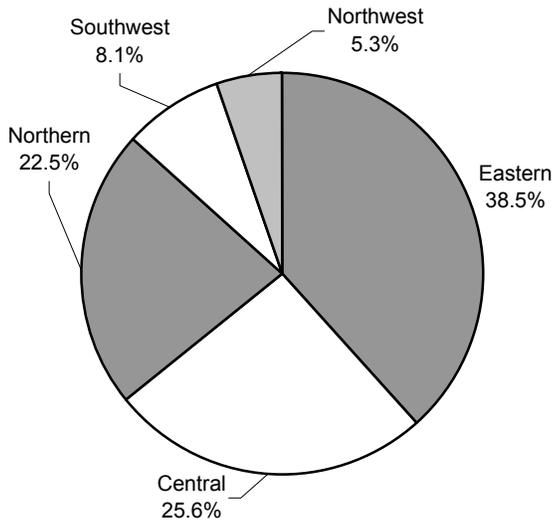
HIV Cumulative Summary: Transmission Mode



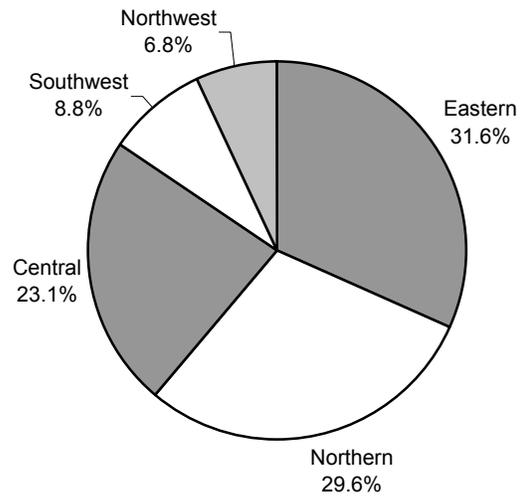
AIDS Cumulative Summary: Transmission Mode



HIV Cumulative Summary: Health Region



AIDS Cumulative Summary: Health Region



COMMONWEALTH OF VIRGINIA
 Cumulative Data through September 30, 200:

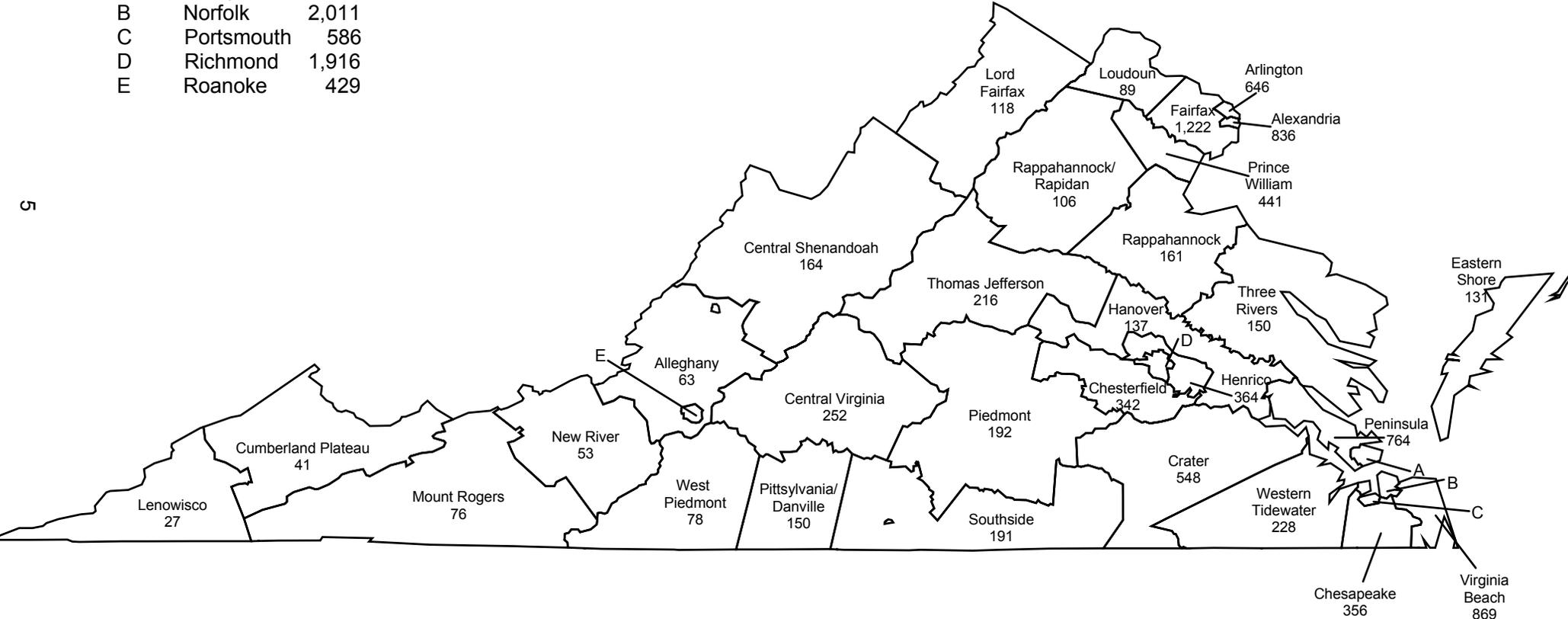
TABLE 1.B HIV and AIDS Unduplicated Summary*

GENDER	Unduplicated Count	
	No.	%
Male	18,546	78.1
Female	5,208	21.9
Total	23,754	100.0
RACE/ETHNICITY		
White	8,716	36.7
Black	13,892	58.5
Hispanic	864	3.6
Asian/Pacific Islander	158	0.7
American Indian/Alaskan Native	22	0.1
Unknown	102	0.4
Total	23,754	100.0
AGE ¹		
0-12	257	1.1
13-19	530	2.2
20-29	6,305	26.5
30-39	9,802	41.3
40-49	5,008	21.1
50 and Over	1,847	7.8
Unknown	5	0.0
Total	23,754	100.0
MODE OF TRANSMISSION		
Men Having Sex with Men (MSM) ²	10,242	43.1
Injecting Drug Use (IDU)	3,977	16.7
MSM & IDU	1,053	4.4
Hemophilia	131	0.6
Heterosexual Contact ³	3,829	16.1
Transfusion Blood/Products ⁴	338	1.4
Other:		
No Identified Risk (NIR)	1,129	4.8
Multiple Heterosexual Contacts ⁵	866	3.6
Undetermined/Unknown ⁶	1,922	8.1
Adult/Adolescent Sub-Total	23,487	98.9
Pediatric ⁷	267	1.1
Total	23,754	100.0
REGION		
Northwest	1,498	6.3
Northern	6,628	27.9
Southwest	1,963	8.3
Central	5,666	23.9
Eastern	7,999	33.7
Total	23,754	100.0

* Virginia regulations require reporting of HIV and AIDS separately; therefore, an individual may be reported once as an HIV case and once as an AIDS case. This table presents the total number of people who are either HIV or AIDS. People reported as both an HIV case and an AIDS case are counted only once.

Figure B.1 Virginia HIV Cases by Health District 1982 through September 30, 2002

Letter	Location	Cases
A	Hampton	440
B	Norfolk	2,011
C	Portsmouth	586
D	Richmond	1,916
E	Roanoke	429



Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure B.2 Virginia HIV Case Rate per 100,000 Population by Locality July, 1989 through September 30, 2002

HIV Case Rate/100,000 Population

1 dot - 1 case/100,000 population

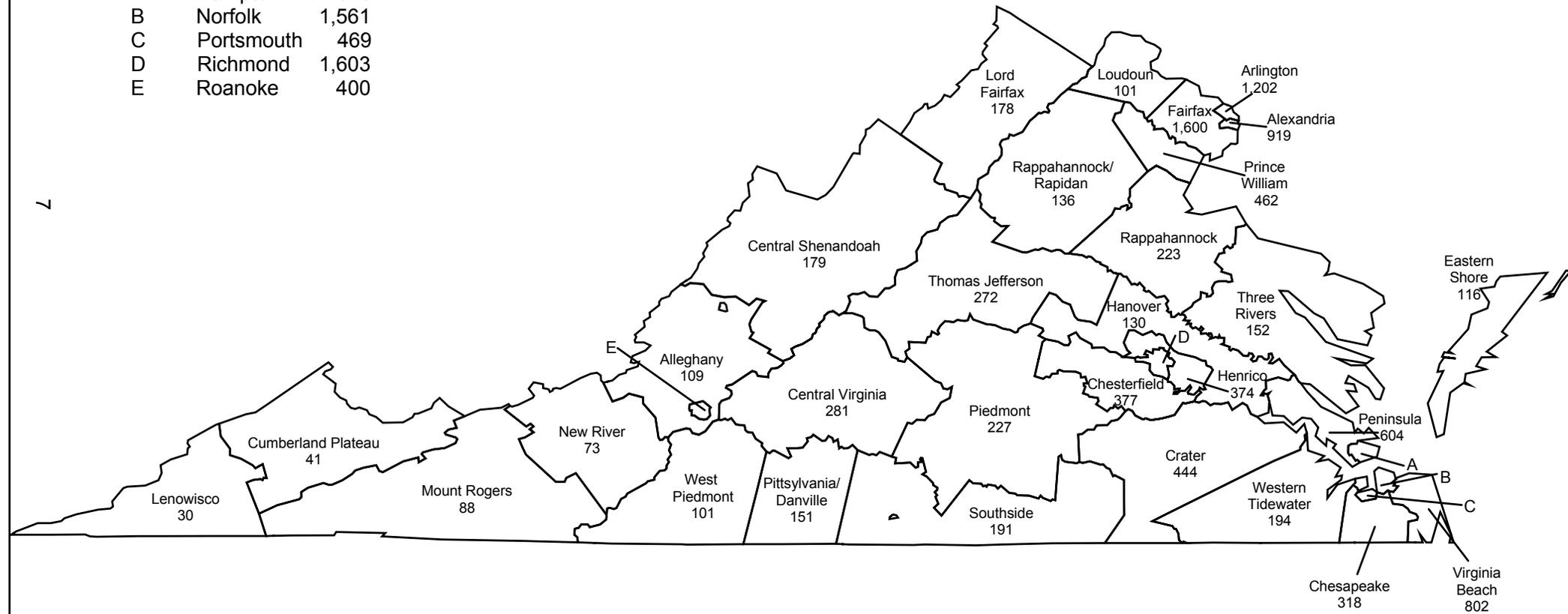
Dots are randomly placed in each location.
Dots do not correspond to actual locations.



Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure C.1 Virginia AIDS Cases by Health District 1982 through September 30, 2002

Letter	Location	Cases
A	Hampton	348
B	Norfolk	1,561
C	Portsmouth	469
D	Richmond	1,603
E	Roanoke	400



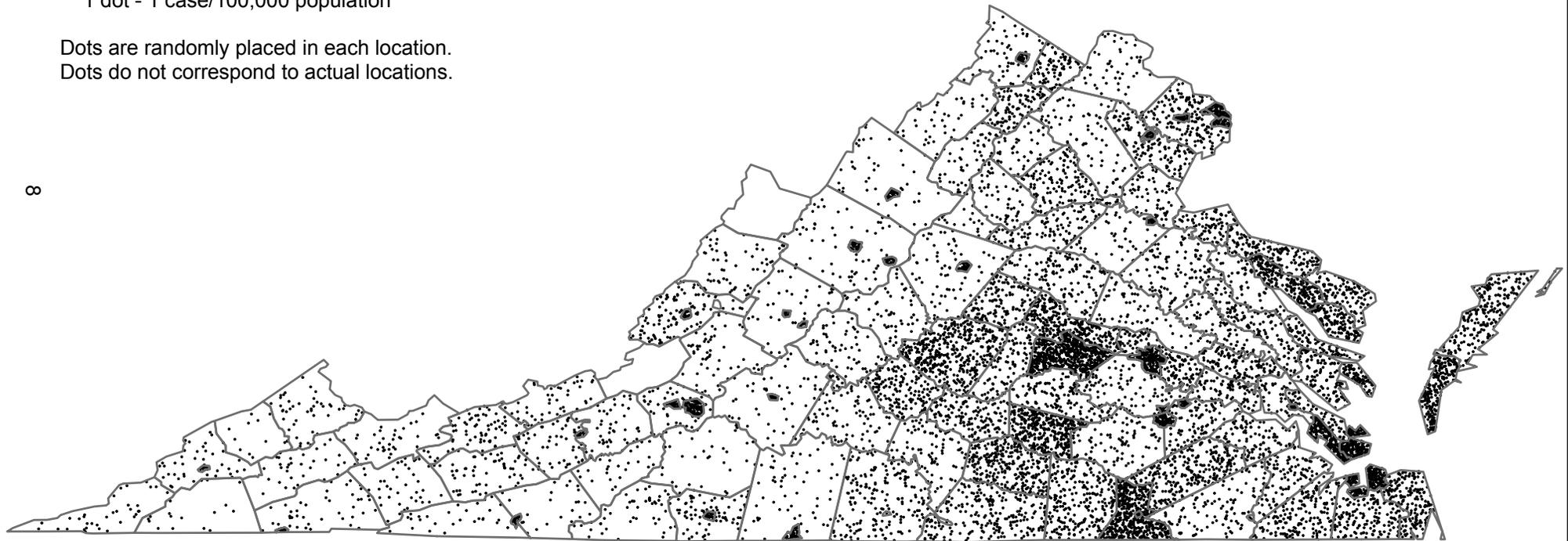
Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure C.2 Virginia AIDS Case Rate per 100,000 Population by Locality 1982 through September 30, 2002

AIDS Case Rate/100,000 Population

1 dot - 1 case/100,000 population

Dots are randomly placed in each location.
Dots do not correspond to actual locations.



Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

TABLE 2. HIV Cases by Year of Report

	July 1989-1996		1997		1998		1999		2000		2001		2002	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Cases Reported	9,192		993		823		917		795		977		696	
Cumulative Cases	9,192		10,185		11,008		11,925		12,720		13,697		14,393	
Gender														
Male	6,895	75.0	701	70.6	575	69.9	627	68.4	548	68.9	671	68.7	488	70.1
Female	2,297	25.0	292	29.4	248	30.1	290	31.6	247	31.1	306	31.3	208	29.9
Total	9,192		993		823		917		795		977		696	
Race														
White	2,920	31.8	239	24.1	210	25.5	235	25.6	191	24.0	261	26.7	191	27.4
Black	5,949	64.7	710	71.5	566	68.8	636	69.4	545	68.6	641	65.6	435	62.5
Hispanic	232	2.5	30	3.0	32	3.9	38	4.1	39	4.9	56	5.7	40	5.7
Asian/Pac. Isl.	39	0.4	7	0.7	11	1.3	7	0.8	13	1.6	7	0.7	9	1.3
Amer Indian	8	0.1	1	0.1	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1
Unknown	44	0.5	6	0.6	4	0.5	0	0.0	7	0.9	12	1.2	20	2.9
Total	9,192		993		823		917		795		977		696	
Age														
0 - 12	104	1.1	12	1.2	12	1.5	4	0.4	3	0.4	3	0.3	0	0.0
13 - 19	277	3.0	34	3.4	28	3.4	46	5.0	29	3.6	42	4.3	25	3.6
20 - 29	3305	36.0	278	28.0	211	25.6	254	27.7	231	29.1	257	26.3	191	27.4
30 - 39	3639	39.6	391	39.4	340	41.3	347	37.8	310	39.0	340	34.8	264	37.9
40 - 49	1451	15.8	219	22.1	177	21.5	199	21.7	152	19.1	239	24.5	148	21.3
50 +	416	4.5	58	5.8	55	6.7	67	7.3	69	8.7	95	9.7	66	9.5
Unknown	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1	1	0.1	2	0.3
Total	9,192		993		823		917		795		977		696	
Selected Transmission Mode														
MSM ²	3,398	37.0	327	32.9	277	33.7	306	33.4	245	30.8	334	34.2	215	30.9
IDU	2,029	22.1	168	16.9	102	12.4	98	10.7	80	10.1	94	9.6	49	7.0
MSM/IDU	541	5.9	29	2.9	27	3.3	26	2.8	18	2.3	15	1.5	10	1.4
Hemophilia	63	0.7	0	0.0	1	0.1	4	0.4	1	0.1	0	0.0	2	0.3
Heterosexual Contact ³	1,581	17.2	238	24.0	201	24.4	234	25.5	185	23.3	218	22.3	127	18.2
Transfusion ⁴	100	1.1	3	0.3	5	0.6	4	0.4	3	0.4	2	0.2	3	0.4
Multi-Heterosexual ⁵	529	5.8	64	6.4	29	3.5	36	3.9	23	2.9	27	2.8	6	0.9
No Identified Risk (NIR)	848	9.2	152	15.3	169	20.5	205	22.4	237	29.8	284	29.1	284	40.8
Pediatric	103	1.1	12	1.2	12	1.5	4	0.4	3	0.4	3	0.3	0	0.0
Total	9,192		993		823		917		795		977		696	

TABLE 3. AIDS Cases by Year of Report

	1982-1996		1997		1998		1999		2000		2001		2002	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Cases Reported	8,962		1,170		961		909		902		970		582	
Cumulative Cases	8,962		10,132		11,093		12,002		12,904		13,874		14,456	
Gender														
Male	7,692	85.8	927	79.2	742	77.2	701	77.1	678	75.2	715	73.7	418	71.8
Female	1,270	14.2	243	20.8	219	22.8	208	22.9	224	24.8	255	26.3	164	28.2
Total	8,962		1,170		961		909		902		970		582	
Race														
White	4,307	48.1	385	32.9	294	30.6	262	28.8	274	30.4	268	27.6	186	32.0
Black	4,317	48.2	730	62.4	637	66.3	601	66.1	571	63.3	643	66.3	346	59.5
Hispanic	273	3.0	47	4.0	24	2.5	41	4.5	44	4.9	48	4.9	41	7.0
Asian/Pac. Isl.	51	0.6	8	0.7	3	0.3	5	0.6	12	1.3	10	1.0	5	0.9
Amer Ind.	11	0.1	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1	1	0.2
Unknown	3	0.0	0	0.0	2	0.2	0	0.0	1	0.1	0	0.0	3	0.5
Total	8,962		1,170		961		909		902		970		582	
Age														
0 - 12	142	1.6	10	0.9	4	0.4	3	0.3	7	0.8	7	0.7	1	0.2
13 - 19	42	0.5	8	0.7	5	0.5	5	0.6	3	0.3	8	0.8	2	0.3
20 - 29	1,719	19.2	179	15.3	149	15.5	122	13.4	122	13.5	115	11.9	87	14.9
30 - 39	4,086	45.6	531	45.4	421	43.8	394	43.3	419	46.5	401	41.3	209	35.9
40 - 49	2,149	24.0	323	27.6	286	29.8	284	31.2	246	27.3	305	31.4	203	34.9
50 +	824	9.2	119	10.2	96	10.0	101	11.1	105	11.6	134	13.8	80	13.7
Total	8,962		1,170		961		909		902		970		582	
Selected Transmission Mode														
MSM ²	5,036	56.2	502	42.9	377	39.2	351	38.6	340	37.7	346	35.7	203	34.9
IDU	1,611	18.0	205	17.5	206	21.4	181	19.9	132	14.6	156	16.1	74	12.7
MSM/IDU	525	5.9	68	5.8	43	4.5	38	4.2	32	3.5	32	3.3	13	2.2
Hemophilia	75	0.8	6	0.5	5	0.5	6	0.7	3	0.3	7	0.7	2	0.3
Heterosexual Contact ³	964	10.8	249	21.3	195	20.3	165	18.2	178	19.7	190	19.6	133	22.9
Transfusion ⁴	215	2.4	17	1.5	11	1.1	6	0.7	6	0.7	12	1.2	2	0.3
Multi-Heterosexual ⁵	75	0.8	32	2.7	31	3.2	28	3.1	41	4.5	42	4.3	11	1.9
No Identified Risk (NIR)	308	3.4	78	6.7	89	9.3	129	14.2	162	18.0	175	18.0	143	24.6
Pediatric	153	1.7	13	1.1	4	0.4	5	0.6	8	0.9	10	1.0	1	0.2
Total	8,962		1,170		961		909		902		970		582	

TABLE 4. NORTHWEST REGION

HIV	C SHENANDOAH		LORD FAIRFAX		RAPPAHANNOCK		RAPP./RAPIDAN		TH. JEFFERSON		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender												
Male	135	82.3	80	67.8	126	78.3	78	73.6	148	68.5	567	74.
Female	29	17.7	38	32.2	35	21.7	28	26.4	68	31.5	198	25.
Total	164		118		161		106		216		765	
Race												
White	96	58.5	78	66.1	78	48.4	56	52.8	86	39.8	394	51.
Black	60	36.6	38	32.2	77	47.8	48	45.3	123	56.9	346	45.
Hispanic	7	4.3	9		5	3.1	9		4	1.9	19	2.
Other / Unknown	1	0.6	2	1.7	1	0.6	2	1.9	3	1.4	6	0.
Total	164		118		161		106		216		765	
Age												
0 - 12 ⁸	4	2.4	9		9		9		9		11	1.
13 - 19 ⁸	9		9	7.6	7	4.3	9		9		30	3.
20 - 29	53	32.3	43	36.4	38	23.6	31	29.2	80	37.0	245	32.
30 - 39	73	44.5	42	35.6	66	41.0	44	41.5	78	36.1	303	39.
40 +	31	18.9	22	18.6	48	29.8	28	26.4	46	21.3	175	22.
Other / Unknown	3	1.8	2	1.7	2	1.2	3	2.8	3	1.4	1	13.1 ⁶
Total	164		118		161		106		216		765	
Selected Transmission Mode												
MSM ²	69	42.1	39	33.1	62	38.5	40	37.7	87	40.3	297	38.
IDU	41	25.0	16	13.6	25	15.5	17	16.0	36	16.7	135	17.
MSM/IDU	14	8.5	5	4.2	7	4.3	9	8.5	11	5.1	46	6.
Heterosexual Contact ³	20	12.2	27	22.9	34	21.1	19	17.9	48	22.2	148	19.
No Identified Risk (NIR)	13	7.9	25	21.2	30	18.6	15	14.2	26	12.0	109	14.
Other ¹⁰	7	4.3	6	5.1	3	1.9	6	5.7	8	3.7	30	3.
Total	164		118		161		106		216		765	

TABLE 5. NORTHWEST REGION

AIDS	C SHENANDOAH		LORD FAIRFAX		RAPPAHANNOCK		RAPP./RAPIDAN		TH. JEFFERSON		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender												
Male	144	80.4	153	86.0	172	77.1	114	83.8	214	78.7	797	80.7
Female	35	19.6	25	14.0	51	22.9	22	16.2	58	21.3	191	19.3
Total	179		178		223		136		272		988	
Race												
White	99	55.3	144	80.9	116	52.0	73	53.7	125	46.0	557	56.4
Black	69	38.5	31	17.4	96	43.0	61	44.9	141	51.8	398	40.3
Hispanic	10	5.6	3	1.7	10	4.5	9	6.6	3	1.1	28	2.8
Other / Unknown	1	0.6	3	1.7	1	0.4	2	1.5	3	1.1	5	0.5
Total	179		178		223		136		272		988	
Age												
0 - 12	3	1.7	3	1.7	9	4.0	9	6.6	9	3.3	12	1.2
13 - 19 ⁸											5	0.5
20 - 29	39	21.8	30	16.9	42	18.8	23	16.9	55	20.2	189	19.1
30 - 39	65	36.3	74	41.6	92	41.3	58	42.6	115	42.3	404	40.9
40 +	70	39.1	70	39.3	86	38.6	53	39.0	99	36.4	378	38.3
Other / Unknown	2	1.1	1	0.6	3	1.3	2	1.5	3	1.1		
Total	179		178		223		136		272		988	
Selected Transmission Mode												
MSM ²	73	40.8	95	53.4	93	41.7	57	41.9	133	48.9	451	45.6
IDU	39	21.8	25	14.0	41	18.4	25	18.4	49	18.0	179	18.1
MSM/IDU	7	3.9	10	5.6	13	5.8	13	9.6	10	3.7	53	5.4
Heterosexual Contact ³	29	16.2	20	11.2	38	17.0	14	10.3	41	15.1	142	14.4
No Identified Risk (NIR)	9	5.0	11	6.2	30	13.5	15	11.0	17	6.3	82	8.3
Other ¹⁰	22	12.3	17	9.6	8	3.6	12	8.8	22	8.1	81	8.2
Total	179		178		223		136		272		988	

TABLE 6. NORTHERN REGION

HIV	ALEXANDRIA		ARLINGTON		FAIRFAX		LOUDOUN		PRINCE WM		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender												
Male	603	72.1	492	76.2	892	73.0	65	73.0	302	68.5	2,354	72.8
Female	233	27.9	154	23.8	330	27.0	24	27.0	139	31.5	880	27.2
Total	836		646		1,222		89		441		3,234	
Race												
White	235	28.1	254	39.3	493	40.3	37	41.6	161	36.5	1,180	36.5
Black	545	65.2	318	49.2	597	48.9	43	48.3	235	53.3	1,738	53.7
Hispanic	43	5.1	56	8.7	88	7.2	7	7.9	36	8.2	230	7.1
Other / Unknown	13	1.6	18	2.8	44	3.6	2	2.2	9	2.0	86	2.7
Total	836		646		1,222		89		441		3,234	
Age												
0 - 12	3	0.4	⁹		11	0.9	⁹		⁹		19	0.6
13 - 19	19	2.3	⁹		28	2.3	⁹		14	3.2	74	2.3
20 - 29	252	30.1	180	27.9	362	29.6	25	28.1	158	35.8	977	30.2
30 - 39	357	42.7	272	42.1	505	41.3	35	39.3	177	40.1	1,346	41.6
40 +	205	24.5	181	28.0	316	25.9	26	29.2	90	20.4	818	25.3
Other / Unknown	0	0.0	13	2.0	0	0.0	3	3.4	2	0.5		
Total	836		646		1,222		89		441		3,234	
Selected Transmission Mode												
MSM ²	316	37.8	285	44.1	473	38.7	38	42.7	119	27.0	1,231	38.1
IDU	138	16.5	123	19.0	208	17.0	10	11.2	96	21.8	575	17.8
MSM/IDU	29	3.5	⁹		32	2.6	⁹		19	4.3	100	3.1
Heterosexual Contact ³	164	19.6	79	12.2	199	16.3	15	16.9	83	18.8	540	16.7
No Identified Risk (NIR)	179	21.4	130	20.1	274	22.4	17	19.1	111	25.2	711	22.0
Other ¹⁰	10	1.2	29	4.5	36	2.9	9	10.1	13	2.9	77	2.4
Total	836		646		1,222		89		441		3,234	

TABLE 7. NORTHERN REGION

AIDS	ALEXANDRIA		ARLINGTON		FAIRFAX		LOUDOUN		PRINCE WM		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender												
Male	785	85.4	1,109	92.3	1,379	86.2	90	89.1	364	78.8	3,727	87.0
Female	134	14.6	93	7.7	221	13.8	11	10.9	98	21.2	557	13.0
Total	919		1,202		1,600		101		462		4,284	
Race												
White	439	47.8	766	63.7	926	57.9	57	56.4	221	47.8	2,409	56.2
Black	416	45.3	325	27.0	504	31.5	37	36.6	206	44.6	1,488	34.7
Hispanic	57	6.2	94	7.8	130	8.1	5	5.0	27	5.8	313	7.3
Other / Unknown	7	0.8	17	1.4	40	2.5	2	2.0	8	1.7	74	1.7
Total	919		1,202		1,600		101		462		4,284	
Age												
0 - 12	3	0.3	9		12	0.8	9		13	2.8	31	0.7
13 - 19	9		9		10	0.6	3	3.0	3	0.6	18	0.4
20 - 29	158	17.2	161	13.4	263	16.4	19	18.8	76	16.5	677	15.8
30 - 39	428	46.6	557	46.3	704	44.0	48	47.5	210	45.5	1,947	45.4
40 +	329	35.8	481	40.0	611	38.2	30	29.7	160	34.6	1,611	37.6
Other / Unknown	1	0.1	3	0.2	0	0.0	1	1.0	0	0.0		
Total	919		1,202		1,600		101		462		4,284	
Selected Transmission Mode												
MSM ²	556	60.5	872	72.5	952	59.5	55	54.5	198	42.9	2,633	61.5
IDU	117	12.7	115	9.6	205	12.8	14	13.9	91	19.7	542	12.7
MSM/IDU	31	3.4	44	3.7	51	3.2	7	6.9	21	4.5	154	3.6
Heterosexual Contact ³	100	10.9	75	6.2	167	10.4	7	6.9	56	12.1	405	9.5
No Identified Risk (NIR)	99	10.8	78	6.5	166	10.4	10	9.9	63	13.6	416	9.7
Other ¹⁰	16	1.7	18	1.5	59	3.7	8	7.9	33	7.1	134	3.1
Total	919		1,202		1,600		101		462		4,284	

TABLE 8. SOUTHWEST REGION

HIV	ALLEGHANY		CENTRAL VA		CUMB PLAT		LENOWISCO		MT ROGERS		NEW RIVER		PITTS/DAN		ROANOKE		W PIEDMONT		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender																				
Male	48	76.2	166	65.9	37	90.2	24	88.9	59	77.6	43	81.1	95	63.3	307	71.6	54	69.2	833	71.3
Female	15	23.8	86	34.1	4	9.8	3	11.1	17	22.4	10	18.9	55	36.7	122	28.4	24	30.8	336	28.7
Total	63		252		41		27		76		53		150		429		78		1,169	
Race																				
White	40	63.5	89	35.3	23	56.1	18	66.7	56	73.7	38	71.7	43	28.7	195	45.5	30	38.5	532	45.5
Black	23	36.5	161	63.9	18	43.9	8	29.6	19	25.0	15	28.3	106	70.7	220	51.3	44	56.4	614	52.5
Hispanic	0	0.0	9		0	0.0	0	0.0	9		0	0.0	9		8	1.9	4	5.1	14	1.2
Other / Unknown	0	0.0	2	0.8	0	0.0	1	3.7	1	1.3	0	0.0	1	0.7	6	1.4	0	0.0	9	0.8
Total	63		252		41		27		76		53		150		429		78		1,169	
Age																				
0 - 12	9		9	3.6	9		9		0	0.0	9		3	2.0	6	1.4	9		23	2.0
13 - 19	9		9	3.6	4	9.8	9		3	3.9	9		8	5.3	14	3.3	4		48	4.1
20 - 29	16	25.4	71	28.2	17	41.5	10	37.0	26	34.2	19	35.8	51	34.0	152	35.4	26	33.3	388	33.2
30 - 39	26	41.3	107	42.5	11	26.8	8	29.6	25	32.9	11	20.8	53	35.3	178	41.5	30	38.5	449	38.4
40 +	18	28.6	56	22.2	8	19.5	7	25.9	22	28.9	20	37.7	35	23.3	79	18.4	16	20.5	261	22.3
Other / Unknown	3	4.8	0	0.0	1	2.4	2	7.4	0	0.0	3	5.7	0	0.0	0	0.0	2	2.6		
Total	63		252		41		27		76		53		150		429		78		1,169	
Selected Transmission Mode																				
MSM ²	22	34.9	82	32.5	12	29.3	7	25.9	30	39.5	23	43.4	37	24.7	188	43.8	25	32.1	426	36.4
IDU	14	22.2	39	15.5	8	19.5	6	22.2	8	10.5	6	11.3	23	15.3	73	17.0	13	16.7	190	16.3
MSM/IDU	4	6.3	17	6.7	3	7.3	9		6	7.9	9		8	5.3	23	5.4	4	5.1	71	6.1
Heterosexual Contact ³	12	19.0	61	24.2	8	19.5	5	18.5	18	23.7	10	18.9	47	31.3	85	19.8	16	20.5	262	22.4
No Identified Risk (NIR)	8	12.7	41	16.3	4	9.8	4	14.8	14	18.4	11	20.8	29	19.3	51	11.9	16	20.5	178	15.2
Other ¹⁰	3	4.8	12	4.8	6	14.6	5	18.5	0	0.0	3	5.7	6	4.0	9	2.1	4	5.1	42	3.6
Total	63		252		41		27		76		53		150		429		78		1,169	

TABLE 9. SOUTHWEST REGION

AIDS	ALLEGHANY		CENTRAL VA		CUMB PLAT		LENOWISCO		MT ROGERS		NEW RIVER		PITTS/DANVILLE		ROANOKE		W. PIEDMONT		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender																				
Male	87	79.8	211	75.1	34	82.9	25	83.3	70	79.5	68	93.2	114	75.5	314	78.5	80	79.2	1,003	78.7
Female	22	20.2	70	24.9	7	17.1	5	16.7	18	20.5	5	6.8	37	24.5	86	21.5	21	20.8	271	21.3
Total	109		281		41		30		88		73		151		400		101		1,274	
Race																				
White	80	73.4	96	34.2	35	85.4	28	93.3	74	84.1	53	72.6	50	33.1	217	54.3	34	33.7	667	52.4
Black	28	25.7	182	64.8	9		9		13	14.8	19	26.0	101	66.9	178	44.5	62	61.4	591	46.4
Hispanic	9		3	1.1	0	0.0	0	0.0	9		9		0	0.0	3	0.8	5	5.0	14	1.1
Other / Unknown	1	0.9	0	0.0			2	6.7	1	1.1	1	1.4	0	0.0	2	0.5	0	0.0	2	0.2
Total	109		281		41		30		88		73		151		400		101		1,274	
Age																				
0 - 12	9		10	3.6	9		9		9		9		5	3.3	6	1.5	9		26	2.0
13 - 19 ⁸																			5	0.4
20 - 29	18	16.5	53	18.9	9	22.0	3	10.0	15	17.0	18	24.7	32	21.2	70	17.5	27	26.7	245	19.2
30 - 39	41	37.6	124	44.1	14	34.1	14	46.7	45	51.1	31	42.5	64	42.4	190	47.5	45	44.6	568	44.6
40 +	48	44.0	92	32.7	18	43.9	11	36.7	27	30.7	24	32.9	48	31.8	133	33.3	29	28.7	430	33.8
Other / Unknown	2	1.8	2	0.7	0	0.0	2	6.7	1	1.1	0	0.0	2	1.3	1	0.3	0	0.0		
Total	109		281		41		30		88		73		151		400		101		1,274	
Selected Transmission Mode																				
MSM ²	53	48.6	103	36.7	18	43.9	13	43.3	39	44.3	42	57.5	66	43.7	202	50.5	39	38.6	575	45.1
IDU	9	8.3	48	17.1	9		9		13	14.8	11	15.1	20	13.2	64	16.0	26	25.7	198	15.5
MSM/IDU	6	5.5	21	7.5	9		9		6	6.8	6	8.2	7	4.6	27	6.8	5	5.0	82	6.4
Heterosexual Contact ³	25	22.9	58	20.6	6	14.6	6	20.0	15	17.0	5	6.8	32	21.2	60	15.0	12	11.9	219	17.2
No Identified Risk (NIR)	10	9.2	28	10.0	1	2.4	0	0.0	10	11.4	6	8.2	14	9.3	38	9.5	15	14.9	122	9.6
Other ¹⁰	6	5.5	23	8.2	16	39.0	11	36.7	5	5.7	3	4.1	12	7.9	9	2.3	4	4.0	78	6.1
Total	109		281		41		30		88		73		151		400		101		1,274	

TABLE 10. CENTRAL REGION

HIV	CHESTERFIELD		CRATER		HANOVER		HENRICO		PIEDMONT		RICHMOND		SOUTHSIDE		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender																
Male	265	77.5	396	72.3	81	59.1	264	72.5	145	75.5	1,422	74.2	125	65.4	2,698	73.1
Female	77	22.5	152	27.7	56	40.9	100	27.5	47	24.5	494	25.8	66	34.6	992	26.9
Total	342		548		137		364		192		1,916		191		3,690	
Race																
White	112	32.7	67	12.2	40	29.2	138	37.9	30	15.6	368	19.2	28	14.7	783	21.2
Black	218	63.7	472	86.1	94	68.6	213	58.5	159	82.8	1,510	78.8	160	83.8	2,826	76.6
Hispanic	11	3.2	7	1.3	⁹		8	2.2	⁹		29	1.5	⁹		61	1.7
Other / Unknown	1	0.3	2	0.4	3	2.2	5	1.4	3	1.6	9	0.5	3	1.6	20	0.5
Total	342		548		137		364		192		1,916		191		3,690	
Age																
0 - 12	4	1.2	5	0.9	⁹		⁹		3	1.6	13	0.7	⁹		31	0.8
13 - 19	10	2.9	24	4.4	⁹		11	3.0	6	3.1	49	2.6	⁹		104	2.8
20 - 29	83	24.3	172	31.4	46	33.6	123	33.8	60	31.3	585	30.5	51	26.7	1,120	30.4
30 - 39	151	44.2	214	39.1	60	43.8	142	39.0	75	39.1	769	40.1	71	37.2	1,482	40.2
40 +	94	27.5	133	24.3	27	19.7	85	23.4	48	25.0	500	26.1	65	34.0	952	25.8
Other / Unknown	0	0.0	0	0.0	4	2.9	3	0.8	0	0.0	0	0.0	4	2.1	1	0.0
Total	342		548		137		364		192		1,916		191		3,690	
Selected Transmission Mode																
MSM ²	103	30.1	131	23.9	32	23.4	138	37.9	42	21.9	734	38.3	30	15.7	1,210	32.8
IDU	82	24.0	116	21.2	52	38.0	50	13.7	53	27.6	393	20.5	49	25.7	795	21.5
MSM/IDU	27	7.9	26	4.7	6	4.4	16	4.4	23	12.0	116	6.1	17	8.9	231	6.3
Heterosexual Contact ³	52	15.2	113	20.6	22	16.1	69	19.0	41	21.4	353	18.4	50	26.2	700	19.0
No Identified Risk (NIR)	70	20.5	149	27.2	22	16.1	80	22.0	25	13.0	295	15.4	40	20.9	681	18.5
Other ¹⁰	8	2.3	13	2.4	3	2.2	11	3.0	8	4.2	25	1.3	5	2.6	73	2.0
Total	342		548		137		364		192		1,916		191		3,690	

TABLE 11. CENTRAL REGION

AIDS	CHESTERFIELD		CRATER		HANOVER		HENRICO		PIEDMONT		RICHMOND		SOUTHSIDE		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender																
Male	326	86.5	355	80.0	96	73.8	315	84.2	188	82.8	1,296	80.8	148	77.5	2,724	81.4
Female	51	13.5	89	20.0	34	26.2	59	15.8	39	17.2	307	19.2	43	22.5	622	18.6
Total	377		444		130		374		227		1,603		191		3,346	
Race																
White	136	36.1	78	17.6	43	33.1	171	45.7	41	18.1	391	24.4	22	11.5	882	26.4
Black	232	61.5	356	80.2	82	63.1	192	51.3	184	81.1	1,185	73.9	169	88.5	2,400	71.7
Hispanic	9	2.4	9	2.0	4		5	1.3	9		24	1.5	9		53	1.6
Other / Unknown	0	0.0	1	0.2	1	0.8	6	1.6	2	0.9	3	0.2	0	0.0	11	0.3
Total	377		444		130		374		227		1,603		191		3,346	
Age																
0 - 12	9		5		9		5	1.3	9		18	1.1	5		36	1.1
13 - 19	9		9		9		6	1.6	9		11	0.7	9		24	0.7
20 - 29	63	16.7	74	16.7	24	18.5	68	18.2	42	18.5	233	14.5	26	13.6	530	15.8
30 - 39	189	50.1	204	45.9	58	44.6	156	41.7	105	46.3	739	46.1	76	39.8	1,527	45.6
40 +	121	32.1	159	35.8	47	36.2	139	37.2	78	34.4	602	37.6	83	43.5	1,229	36.7
Other / Unknown	4	1.1	2	0.5	1	0.8	0	0.0	2	0.9	0	0.0	1	0.5		
Total	377		444		130		374		227		1,603		191		3,346	
Selected Transmission Mode																
MSM ²	135	35.8	157	35.4	45	34.6	192	51.3	57	25.1	754	47.0	42	22.0	1,382	41.3
IDU	97	25.7	118	26.6	34	26.2	56	15.0	74	32.6	372	23.2	55	28.8	806	24.1
MSM/IDU	40	10.6	22	5.0	8	6.2	22	5.9	27	11.9	92	5.7	13	6.8	224	6.7
Heterosexual Contact ³	59	15.6	77	17.3	24	18.5	49	13.1	34	15.0	247	15.4	47	24.6	537	16.0
No Identified Risk (NIR)	32	8.5	55	12.4	17	13.1	33	8.8	28	12.3	97	6.1	22	11.5	284	8.5
Other ¹⁰	14	3.7	15	3.4	2	1.5	22	5.9	7	3.1	41	2.6	12	6.3	113	3.4
Total	377		444		130		374		227		1,603		191		3,346	

TABLE 12. EASTERN REGION

HIV	CHESAPEAKE		E SHORE		HAMPTON		NORFOLK		PENINSULA		PORTSMOUTH		THREE RIVERS		VA BEACH		W TIDEWATER		TOTAL	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Gender																				
Male	246	69.1	70	53.4	334	75.9	1,531	76.1	534	69.9	416	71.0	107	71.3	646	74.3	169	74.1	4,053	73.2
Female	110	30.9	61	46.6	106	24.1	480	23.9	230	30.1	170	29.0	43	28.7	223	25.7	59	25.9	1,482	26.8
Total	356		131		440		2,011		764		586		150		869		228		5,535	
Race																				
White	65	18.3	14	10.7	87	19.8	474	23.6	163	21.3	114	19.5	48	32.0	367	42.2	26	11.4	1,358	24.5
Black	284	79.8	107	81.7	336	76.4	1,455	72.4	568	74.3	461	78.7	99	66.0	450	51.8	198	86.8	3,958	71.5
Hispanic	9		8	6.1	12	2.7	48	2.4	30	3.9	5	0.9	3	2.0	34	3.9	9		143	2.6
Other / Unknown	7	2.0	2	1.5	5	1.1	34	1.7	3	0.4	6	1.0	0	0.0	18	2.1	4	1.8	76	1.4
Total	356		131		440		2,011		764		586		150		869		228		5,535	
Age																				
0 - 12	4	1.1	9		3	0.7	14	0.7	6	0.8	11	1.9	9		10	1.2	9		54	1.0
13 - 19	16	4.5	8	6.1	16	3.6	87	4.3	28	3.7	31	5.3	6	4.0	22	2.5	11	4.8	225	4.1
20 - 29	124	34.8	41	31.3	138	31.4	799	39.7	250	32.7	195	33.3	42	28.0	335	38.6	73	32.0	1,997	36.1
30 - 39	117	32.9	39	29.8	162	36.8	714	35.5	320	41.9	222	37.9	51	34.0	333	38.3	93	40.8	2,051	37.1
40 +	95	26.7	41	31.3	121	27.5	397	19.7	159	20.8	127	21.7	49	32.7	167	19.2	49	21.5	1,205	21.8
Other / Unknown	0	0.0	2	1.5	0	0.0	0	0.0	1	0.1	0	0.0	2	1.3	2	0.2	2	0.9	3	0.1
Total	356		131		440		2,011		764		586		150		869		228		5,535	
Selected Transmission Mode																				
MSM ²	115	32.3	20	15.3	133	30.2	791	39.3	243	31.8	174	29.7	40	26.7	351	40.4	71	31.1	1,938	35.0
IDU	58	16.3	20	15.3	111	25.2	275	13.7	166	21.7	108	18.4	34	22.7	112	12.9	41	18.0	925	16.7
MSM/IDU	15	4.2	9		12	2.7	86	4.3	30	3.9	23	3.9	9		30	3.5	11	4.8	218	3.9
Heterosexual Contact ³	111	31.2	55	42.0	78	17.7	344	17.1	149	19.5	131	22.4	36	24.0	172	19.8	58	25.4	1,134	20.5
No Identified Risk (NIR)	47	13.2	29	22.1	99	22.5	489	24.3	164	21.5	131	22.4	28	18.7	183	21.1	41	18.0	1,211	21.9
Other ¹⁰	10	2.8	7	5.3	7	1.6	26	1.3	12	1.6	19	3.2	12	8.0	21	2.4	6	2.6	109	2.0
Total	356		131		440		2,011		764		586		150		869		228		5,535	

TABLE 13. EASTERN REGION

AIDS	CHESAPEAKE		E SHORE		HAMPTON		NORFOLK		PENINSULA		PORTSMOUTH		THREE RIVERS		VA BEACH		W TIDEWATER		TOTAL		
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	
Gender																					
Male	260	81.8	84	72.4	274	78.7	1,246	79.8	477	79.0	360	76.8	127	83.6	640	79.8	154	79.4	3,622	79.4	
Female	58	18.2	32	27.6	74	21.3	315	20.2	127	21.0	109	23.2	25	16.4	162	20.2	40	20.6	942	20.6	
Total	318		116		348		1,561		604		469		152		802		194		4,564		
Race																					
White	101	31.8	20	17.2	93	26.7	469	30.0	167	27.6	95	20.3	52	34.2	422	52.6	42	21.6	1,461	32.0	
Black	212	66.7	91	78.4	242	69.5	1,043	66.8	414	68.5	371	79.1	99	65.1	345	43.0	151	77.8	2,968	65.0	
Hispanic	9		5	4.3	9	2.6	41	2.6	22	3.6	9		9		28	3.5	9		110	2.4	
Other / Unknown	5	1.6	0	0.0	4	1.1	8	0.5	1	0.2	3	0.6	1	0.7	7	0.9	1	0.5	25	0.5	
Total	318		116		348		1,561		604		469		152		802		194		4,564		
Age																					
0 - 12	5	1.6	4	3.4	7	2.0	16	1.0	12	2.0	7	1.5	9		14	1.7	9		69	1.5	
13 - 19	0	0.0	9		9		8	0.5	9		9		9		6	0.7	9		21	0.5	
20 - 29	62	19.5	21	18.1	61	17.5	304	19.5	114	18.9	85	18.1	18	11.8	158	19.7	29	14.9	852	18.7	
30 - 39	139	43.7	44	37.9	145	41.7	703	45.0	272	45.0	194	41.4	62	40.8	370	46.1	86	44.3	2,015	44.1	
40 +	112	35.2	46	39.7	134	38.5	530	34.0	205	33.9	181	38.6	71	46.7	254	31.7	74	38.1	1,607	35.2	
Other / Unknown	0	0.0	1	0.9	1	0.3	0	0.0	1	0.2	2	0.4	1	0.7	0	0.0	5	2.6			
Total	318		116		348		1,561		604		469		152		802		194		4,564		
Selected Transmission Mode																					
MSM ²	145	45.6	34	29.3	147	42.2	792	50.7	250	41.4	175	37.3	64	42.1	412	51.4	95	49.0	2,114	46.3	
IDU	52	16.4	21	18.1	87	25.0	251	16.1	144	23.8	111	23.7	29	19.1	121	15.1	24	12.4	840	18.4	
MSM/IDU	13	4.1	4	3.4	13	3.7	95	6.1	35	5.8	27	5.8	8	5.3	34	4.2	9	4.6	238	5.2	
Heterosexual Contact ³	75	23.6	34	29.3	37	10.6	253	16.2	88	14.6	97	20.7	27	17.8	122	15.2	38	19.6	771	16.9	
No Identified Risk (NIR)	20	6.3	17	14.7	46	13.2	140	9.0	65	10.8	40	8.5	17	11.2	78	9.7	17	8.8	440	9.6	
Other ¹⁰	13	4.1	6	5.2	18	5.2	30	1.9	22	3.6	19	4.1	7	4.6	35	4.4	11	5.7	161	3.5	
Total	318		116		348		1,561		604		469		152		802		194		4,564		

TABLE 14. HIV Cases and Rates per 100,000 Population by Region and Year of Report¹¹

REGION	1989-1999	2000		2001		2002 ²²		TOTAL ¹²
	Cases	Cases	Rate	Cases	Rate	Cases	Rate	Cases
Northwest	624	35	3.8	73	8.0	33	4.4	765
Northern	2,508	216	13.2	275	16.8	235	17.3	3,234
Southwest	1,008	61	4.9	70	5.6	30	3.1	1,169
Central	3,143	159	14.1	207	18.4	181	19.8	3,690
Eastern	4,642	324	19.1	352	20.8	217	16.7	5,535
Virginia	11,925	795	12.0	977	14.8	696	13.1	14,393

TABLE 15. AIDS Cases and Rates per 100,000 Population by Region and Year of Report¹¹

REGION	1982-1999	2000		2001		2002 ²²		TOTAL ¹²
	Cases	Cases	Rate	Cases	Rate	Cases	Rate	Cases
Northwest	819	46	5.0	87	9.5	36	4.8	988
Northern	3,502	273	16.7	273	16.7	236	17.3	4,284
Southwest	1,070	82	6.6	80	6.4	42	4.3	1,274
Central	2,894	203	18.1	164	14.6	85	9.3	3,346
Eastern	3,717	298	17.6	366	21.6	183	14.1	4,564
Virginia	12,002	902	13.6	970	14.7	582	11.0	14,456

FIGURE D. Reported HIV and AIDS Rates per 100,000 by Region and State, Jan. 1 - September 30, 2002

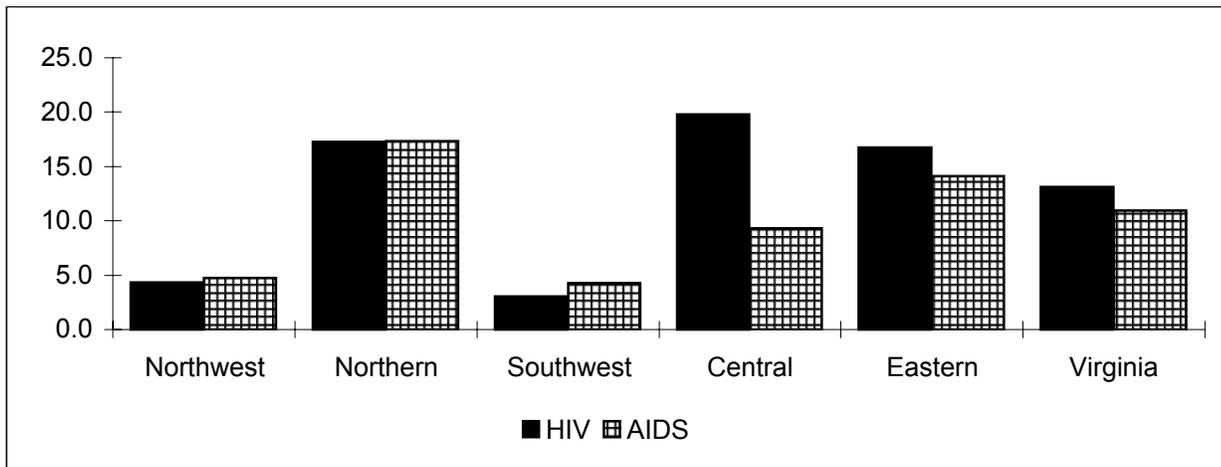


TABLE 16. HIV Cases and Rates per 100,000 Population by Region and Year of Diagnosis*

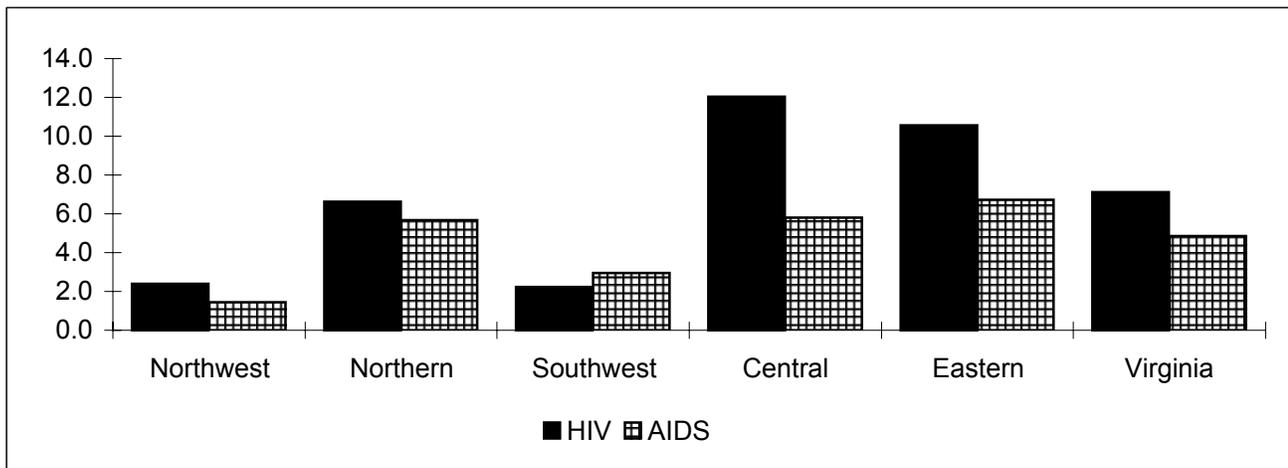
REGION	1989-1999	2000		2001		2002 ²²		TOTAL ¹²
	Cases	Cases	Rate	Cases	Rate	Cases	Rate	Cases
Northwest	670	35	3.8	42	4.6	18	2.4	765
Northern	2,791	182	11.1	171	10.4	90	6.6	3,234
Southwest	1,040	57	4.6	50	4.0	22	2.2	1,169
Central	3,232	169	15.0	179	15.9	110	12.0	3,690
Eastern	4,826	281	16.6	291	17.2	137	10.6	5,535
Virginia	12,559	724	10.9	733	11.1	377	7.1	14,393

TABLE 17. AIDS Cases and Rates per 100,000 Population by Region and Year of Diagnosis*

REGION	1982-1999	2000		2001		2002 ²²		TOTAL ¹²
	Cases	Cases	Rate	Cases	Rate	Cases	Rate	Cases
Northwest	880	44	4.8	53	5.8	11	1.5	988
Northern	3,844	172	10.5	191	11.7	77	5.7	4,284
Southwest	1,124	63	5.0	58	6.2	29	3.0	1,274
Central	2,979	174	15.5	140	12.5	53	5.8	3,346
Eastern	3,989	251	14.8	237	14.0	87	6.7	4,564
Virginia	12,816	704	10.6	679	10.3	257	4.8	14,456

* Note: Data for 2001 and 2002 are not complete because reports of diagnosis lag.

FIGURE E. Diagnosed HIV and AIDS Rates per 100,000 by Region and State, Jan. 1 - September 30, 2002



COMMONWEALTH OF VIRGINIA
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TABLE 18. HIV Cases by Gender and Public, Private and Military Source of Report
(Percentages are for gender by source of report)

Gender	PRIVATE		PUBLIC		MILITARY		TOTAL
	No.	%	No.	%	No.	%	No.
Male	7,009	66.7	2,980	28.4	516	4.9	10,505
Female	2,526	65.0	1,316	33.8	46	1.2	3,888
Total	9,535	66.2	4,296	29.8	562	3.9	14,393

TABLE 19. HIV and AIDS Reported, Diagnosed and Deceased by Year¹⁶

Year	HIV*		AIDS*				
	Reported*	Diagnosed*	Reported*	Diagnosed*	Living*	Deceased*	CFR*
1980	n/a	2	n/a	n/a	n/a	n/a	n/a
1981	n/a	0	n/a	n/a	n/a	n/a	n/a
1982	n/a	7	6	14	1	13	92.9
1983	n/a	10	21	30	0	30	100.0
1984	n/a	21	42	60	2	58	96.7
1985	n/a	124	102	166	12	154	92.8
1986	n/a	202	167	247	26	221	89.5
1987	n/a	319	268	420	43	377	89.8
1988	n/a	361	375	496	83	413	83.3
1989	198	815	443	633	113	520	82.1
1990	1,143	1,395	647	773	161	612	79.2
1991	1,645	1,467	661	925	177	748	80.9
1992	1,370	1,455	743	1,278	397	881	68.9
1993	1,496	1,190	1,629	1,311	423	888	67.7
1994	1,108	973	1,191	1,233	518	715	58.0
1995	1,253	954	1,458	1,280	692	588	45.9
1996	979	897	1,209	1,152	780	372	32.3
1997	993	876	1,170	1,017	741	276	27.1
1998	823	779	961	929	741	188	20.2
1999	917	706	909	852	716	136	16.0
2000	795	724	902	704	599	105	14.9
2001**	977	733	970	679	601	78	11.5
2002**	696	377	582	257	243	14	5.4
Total	14,393	14,387	14,456	14,456	7,069	7,387	51.1

* Reported = cases reported in a calendar year. AIDS became reportable in 1982; HIV became reportable in July 1989.

Diagnosed = people diagnosed in a calendar year.

Living = people diagnosed in one year who are alive as of the end of the current quarter.

Deceased = people diagnosed in one year who have died. Does not equal the number of deaths in that year.

CFR = Case Fatality Rate: percent of diagnosed cases who have died regardless of year of death.

Diagnosed for HIV does not include five cases with unknown date of diagnosis.

** 2001 and 2002 data for number of cases diagnosed are preliminary.

COMMONWEALTH OF VIRGINIA
Cumulative Data through September 30, 2002

FIGURE F. HIV Cases Reported and Diagnosed by Year¹⁵

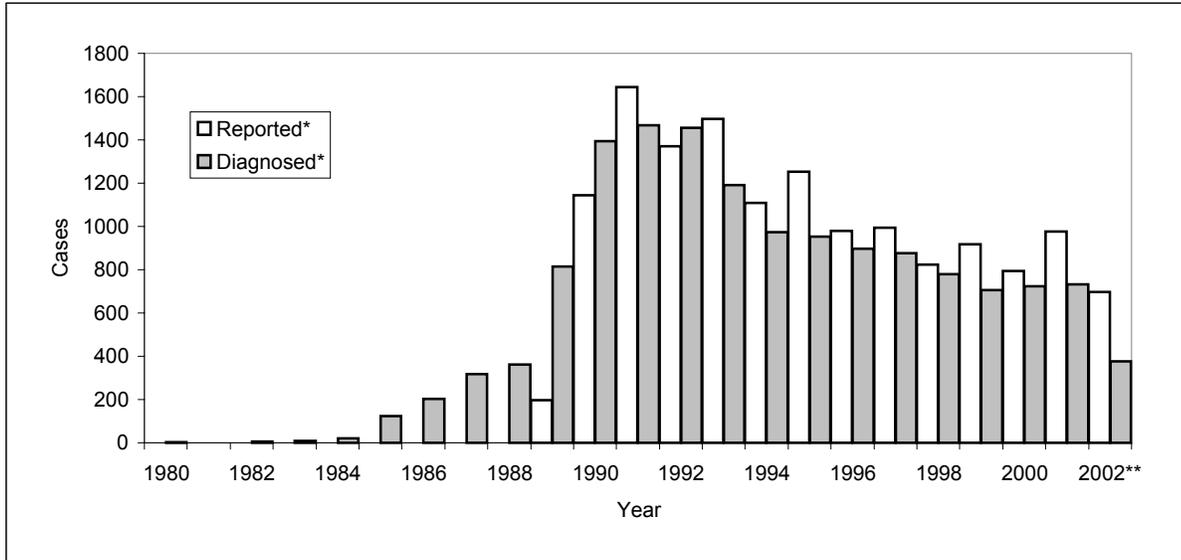
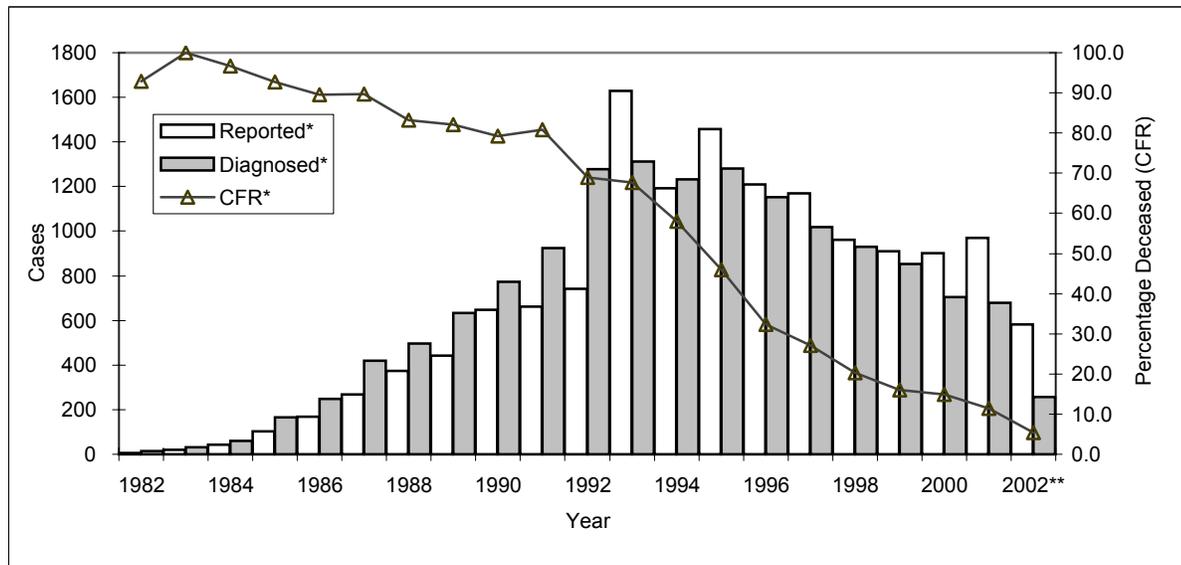


FIGURE G. AIDS Cases Reported, Diagnosed and Percentage Deceased, by Year¹⁵



* Reported = cases reported in a calendar year. AIDS became reportable in 1982; HIV became reportable in July 1989.

Diagnosed = people diagnosed in a calendar year.

CFR = Case Fatality Rate: percent of diagnosed cases who have died regardless of year of death.

** 2001 and 2002 data for number of cases diagnosed are preliminary.

TABLE 20. Adult/Adolescent HIV Cases by Gender, Transmission Mode and Race/Ethnicity

MALE	WHITE		BLACK		OTHER ¹³		UNKNOWN		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%
Transmission Mode:										
Men Having Sex with Men (MSM) ²	2,361	68.4	2,558	39.9	160	37.9	23	29.1	5,102	49.2
Injecting Drug Use (IDU)	268	7.8	1,417	22.1	59	14.0	3	3.8	1,747	16.9
MSM/IDU	209	6.1	446	7.0	11	2.6	0	0.0	666	6.4
Heterosexual Contact: ³										
Sex with IDU	30	0.9	161	2.5	12	2.8	0	0.0	203	2.0
Sex with Other at Risk	104	3.0	562	8.8	47	11.1	4	5.1	717	6.9
Transfusion Blood/ Products ⁴	21	0.6	24	0.4	5	1.2	0	0.0	50	0.5
Other:										
No Identified Risk (NIR)	79	2.3	295	4.6	34	8.1	4	5.1	412	4.0
Multi-Heterosexual Contact ⁵	97	2.8	330	5.1	31	7.3	3	3.8	461	4.4
Undetermined/Unknown ⁶	283	8.2	620	9.7	63	14.9	42	53.2	1,008	9.7
Sub-Total	3,452	100.0	6,413	100.0	422	100.0	79	100.0	10,366	100.0
FEMALE										
Transmission Mode:										
Injecting Drug Use (IDU)	183	25.9	670	22.6	20	14.3	0	0.0	873	22.9
Heterosexual Contact: ³										
Sex with IDU	105	14.9	468	15.8	11	7.9	0	0.0	584	15.3
Sex with Other at Risk	240	34.0	973	32.9	65	46.4	2	15.4	1,280	33.5
Transfusion Blood/ Products ⁴	18	2.5	47	1.6	5	3.6	0	0.0	70	1.8
Other:										
No Identified Risk (NIR)	64	9.1	329	11.1	20	14.3	1	7.7	414	10.8
Multi-Heterosexual Contact ⁵	36	5.1	212	7.2	5	3.6	0	0.0	253	6.6
Undetermined/Unknown ⁶	60	8.5	260	8.8	14	10.0	10	76.9	344	9.0
Sub-Total	706	100.0	2,959	100.0	140	100.0	13	100.0	3,818	100.0
Hemophilia ¹⁴	53	1.3	16	0.2	1	0.2	1	1.1	71	0.5
Total	4,211	29.5	9,388	65.9	563	3.9	93	0.7	14,255	100.0

TABLE 21. Total HIV Cases by Gender, Age at Diagnosis and Race/Ethnicity

MALE	WHITE		BLACK		OTHER ¹³		UNKNOWN		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%
Age at Diagnosis (Years)										
0-12	21	0.6	44	0.7	4	0.9	0	0.0	69	0.7
13-19	59	1.7	174	2.7	10	2.3	0	0.0	243	2.3
20-29	1,184	33.6	1,953	30.2	154	36.1	33	41.3	3,324	31.6
30-39	1,420	40.3	2,618	40.4	174	40.7	27	33.8	4,239	40.4
40-49	611	17.3	1,319	20.4	61	14.3	15	18.8	2,006	19.1
50 and Over	230	6.5	362	5.6	24	5.6	3	3.8	619	5.9
Unknown	0	0.0	3	0.0	0	0.0	2	2.5	5	0.0
Sub-Total	3,525	100.0	6,473	100.0	427	100.0	80	100.0	10,505	100.0

TABLE 22. Adult/Adolescent AIDS Cases by Gender, Transmission Mode and Race/Ethnicity

MALE	WHITE		BLACK		OTHER ¹³		UNKNOWN		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%
Transmission Mode:										
Men Having Sex with Men (MSM) ²	4,190	78.7	2,704	46.4	255	50.0	6	75.0	7,155	61.3
Injecting Drug Use (IDU)	334	6.3	1,467	25.2	65	12.7	0	0.0	1,866	16.0
MSM/IDU	284	5.3	450	7.7	17	3.3	0	0.0	751	6.4
Heterosexual Contact: ³										
Sex with IDU	39	0.7	167	2.9	12	2.4	0	0.0	218	1.9
Sex with Other at Risk	105	2.0	427	7.3	53	10.4	0	0.0	585	5.0
Transfusion Blood/ Products ⁴	90	1.7	59	1.0	8	1.6	0	0.0	157	1.3
Other:										
No Identified Risk (NIR)	71	1.3	144	2.5	25	4.9	1	12.5	241	2.1
Multi-Heterosexual Contact ⁵	37	0.7	118	2.0	30	5.9	1	12.5	186	1.6
Undetermined/Unknown ⁶	171	3.2	292	5.0	45	8.8	0	0.0	508	4.4
Sub-Total	5,321	100.0	5,828	100.0	510	100.0	8	100.0	11,667	100.0
FEMALE	WHITE		BLACK		OTHER ¹³		UNKNOWN		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%
Transmission Mode:										
Injecting Drug Use (IDU)	143	28.2	537	28.5	19	18.6	0	0.0	699	28.1
Heterosexual Contact: ³										
Sex with IDU	80	15.8	375	19.9	17	16.7	0	0.0	472	18.9
Sex with Other at Risk	160	31.6	603	32.1	36	35.3	0	0.0	799	32.1
Transfusion Blood/ Products ⁴	57	11.2	50	2.7	5	4.9	0	0.0	112	4.5
Other:										
No Identified Risk (NIR)	28	5.5	126	6.7	11	10.8	0	0.0	165	6.6
Multi-Heterosexual Contact ⁵	9	1.8	62	3.3	3	2.9	0	0.0	74	3.0
Undetermined/Unknown ⁶	30	5.9	128	6.8	11	10.8	1	0.0	170	6.8
Sub-Total	507	100.0	1,881	100.0	102	100.0	1	0.0	2,491	100.0
Hemophilia ¹⁴	88	1.5	15	0.2	1	0.2	0	0.0	104	0.7
Total	5,916	41.5	7,724	54.2	613	4.3	9	0.1	14,262	100.0

TABLE 23. Total AIDS Cases by Gender, Age at Diagnosis and Race/Ethnicity

MALE	WHITE		BLACK		OTHER ¹³		UNKNOWN		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%
Age at Diagnosis (Years)										
0-12	28	0.5	54	0.9	6	1.2	0	0.0	88	0.7
13-19	21	0.4	22	0.4	2	0.4	0	0.0	45	0.4
20-29	890	16.3	946	16.0	120	23.2	2	25.0	1,958	16.5
30-39	2,472	45.4	2,669	45.2	231	44.6	5	62.5	5,377	45.3
40-49	1,428	26.2	1,638	27.8	124	23.9	1	12.5	3,191	26.9
50 and Over	606	11.1	573	9.7	35	6.8	0	0.0	1,214	10.2
Sub-Total	5,445	100.0	5,902	100.0	518	100.0	8	100.0	11,873	100.0

FIGURE H. Number and Cumulative Percent of HIV Cases by Age at Diagnosis

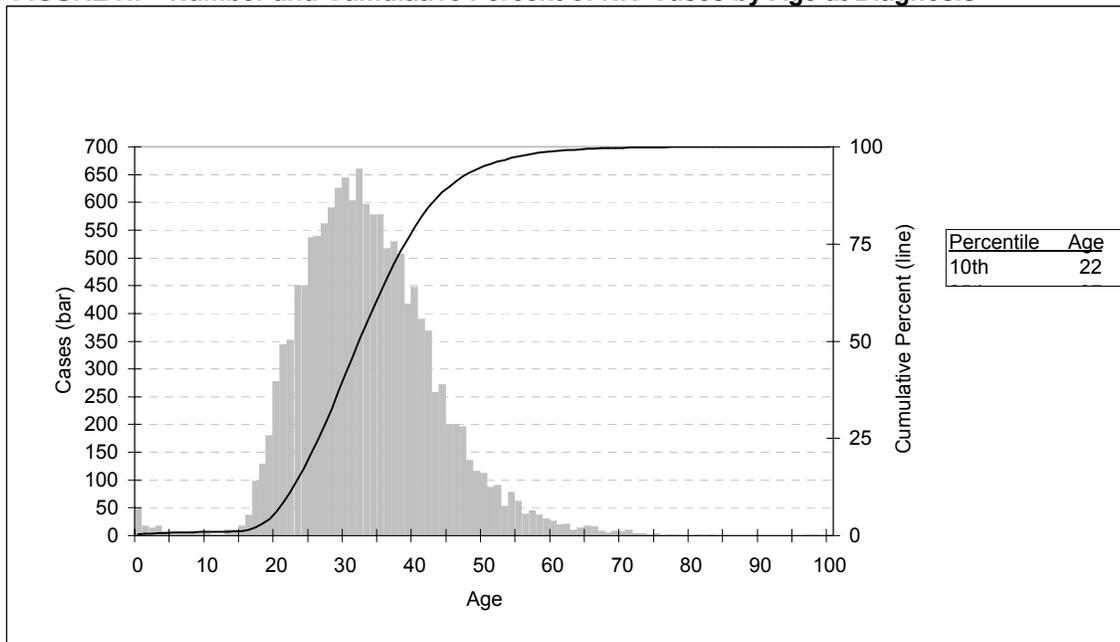
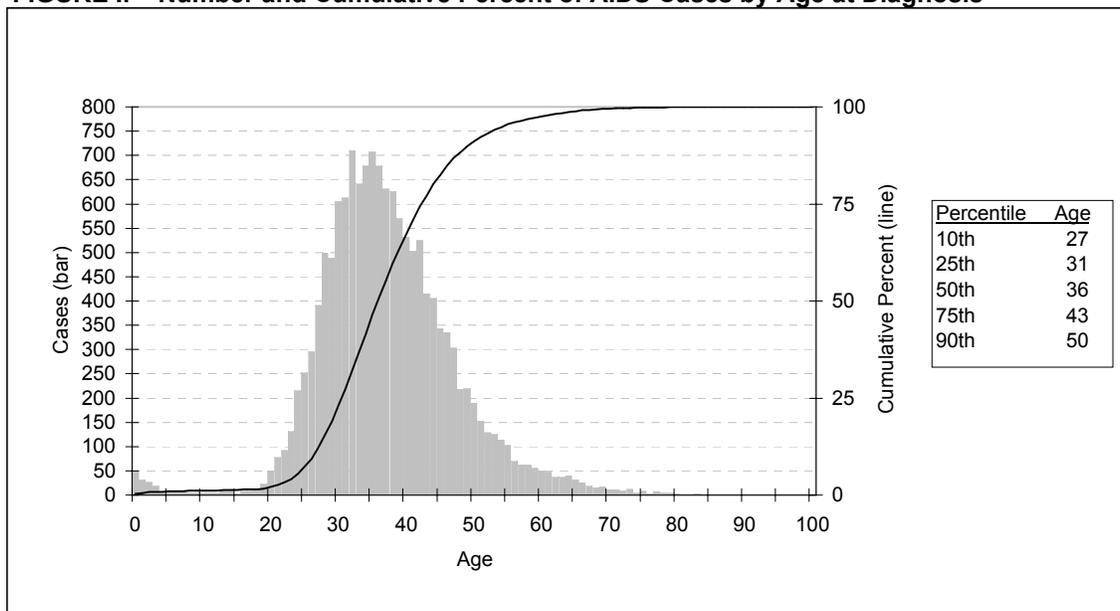


FIGURE I. Number and Cumulative Percent of AIDS Cases by Age at Diagnosis



Cases (bars in the graph) are the number of cases diagnosed at a particular age.
 Cumulative percent (line in the graph) is the percent of cases by year added in succession.
 Percentiles are the ages at which the cumulative percent of cases equals the reported levels.

TABLE 24. Pediatric HIV Cases by Transmission and Race/Ethnicity

	WHITE		BLACK		OTHER ¹³		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Hemophilia/Coagulation Disorder	7	19.4	5	5.3	0	0.0	12	8.7
Mother with or at Risk for HIV	21	58.3	86	91.5	8	100.0	115	83.3
Transfusion Blood/Products ⁴	7	19.4	2	2.1	0	0.0	9	6.5
Other ¹⁷	0	0.0	0	0.0	0	0.0	0	0.0
No Identified Risk (NIR)	1	2.8	1	1.1	0	0.0	2	1.4
Total	36	100.0	94	100.0	8	100.0	138	100.0

TABLE 25. Pediatric AIDS Cases by Transmission and Race/Ethnicity⁷

	WHITE		BLACK		OTHER ¹³		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Hemophilia/Coagulation Disorder	13	21.7	5	4.1	0	0.0	18	9.3
Mother with or at Risk for HIV	32	53.3	109	90.1	12	92.3	153	78.9
Transfusion Blood/Products ⁴	15	25.0	4	3.3	1	7.7	20	10.3
Other ¹⁷	0	0.0	3	2.5	0	0.0	3	1.5
No Identified Risk (NIR)	0	0.0	0	0.0	0	0.0	0	0.0
Total	60	100.0	121	100.0	13	100.0	194	100.0

TABLE 26. AIDS Associated Diseases by Gender

(% represents the total percentage of cases within each gender reported with each condition. Individuals may be diagnosed with more than one disease; therefore, percentages will not equal 100.0)

	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Immunologic ²⁰	4,409	37.1	1,233	47.7	5,642	39.0
<i>Pneumocystis carinii</i> pneumonia (PCP)	3,637	30.6	535	20.7	4,172	28.9
HIV Wasting	1,402	11.8	283	11.0	1,685	11.7
Candidiasis, esophageal	1,185	10.0	285	11.0	1,470	10.2
<i>M. avium/M. kansasii</i>	1,114	9.4	173	6.7	1,287	8.9
Kaposi's sarcoma (KS)	728	6.1	16	0.6	744	5.1
HIV encephalopathy	507	4.3	107	4.1	614	4.2
Cryptococcosis, extrapulmonary	531	4.5	76	2.9	607	4.2
Cytomegalovirus disease	497	4.2	82	3.2	579	4.0
Cytomegalovirus retinitis	478	4.0	64	2.5	542	3.7
Herpes simplex: chronic ulcer(s)	437	3.7	101	3.9	538	3.7
Toxoplasmosis of brain	403	3.4	68	2.6	471	3.3
Candidiasis, pulmonary	231	1.9	53	2.1	284	2.0
<i>M. tuberculosis</i> , pulmonary ²⁰	235	2.0	42	1.6	277	1.9
Lymphoma, immunoblastic	198	1.7	24	0.9	222	1.5
<i>Mycobacterium</i> , other disseminated	172	1.4	39	1.5	211	1.5
Cryptosporidiosis, chronic intestinal	145	1.2	29	1.1	174	1.2
Progressive multifocal leukoencephalopathy	147	1.2	27	0.7	174	1.2
Pneumonia, recurrent ²⁰	150	1.3	12	0.5	162	1.1
<i>M. tuberculosis</i> , extrapulmonary	139	1.3	18	0.5	157	1.1
Lymphoma, primary in brain	99	0.8	10	0.4	109	0.8
Lymphoma, Burkitt's	54	0.5	7	0.3	61	0.4
Histoplasmosis	52	0.4	7	0.3	59	0.4
Salmonella septicemia, recurrent	29	0.2	5	0.2	34	0.2
Carcinoma, invasive cervical ²⁰	0	0.0	23	0.9	23	0.2
Coccidioidomycosis	14	0.1	4	0.2	18	0.1
Isosporiasis, chronic intestinal	8	0.1	0	0.0	8	0.1
bronchitis, pneumonitis or esophagitis						

TABLE 27. HIV Cases by Locality and Year of Report ¹⁶

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
ACCOMACK CO.	79	6	6	2	93
ALBEMARLE CO.	26	1	11	2	40
ALEXANDRIA	666	60	57	53	836
ALLEGHANY CO.	4	0	0	0	4
AMELIA CO.	6	0	0	2	8
AMHERST CO.	22	0	1	2	25
APPOMATTOX CO.	7	1	1	1	10
ARLINGTON CO.	489	43	76	38	646
AUGUSTA CO.	39	0	1	0	40
BATH CO.	3	0	0	0	3
BEDFORD	9	0	0	0	9
BEDFORD CO.	12	1	3	0	16
BLAND CO.	1	0	0	0	1
BOTETOURT CO.	10	1	0	0	11
BRISTOL	12	0	0	2	14
BRUNSWICK CO.	48	3	5	1	57
BUCHANAN CO.	15	1	3	0	19
BUCKINGHAM CO.	49	2	4	3	58
BUENA VISTA	7	0	0	0	7
CAMPBELL CO.	36	2	4	0	42
CAROLINE CO.	25	4	2	0	31
CARROLL CO.	6	1	1	0	8
CHARLES CITY CO.	6	0	0	0	6
CHARLOTTE CO.	3	0	0	1	4
CHARLOTTESVILLE	95	5	8	2	110
CHESAPEAKE	270	32	44	10	356
CHESTERFIELD CO.	180	8	15	16	219
CLARKE CO.	8	0	0	1	9
COLONIAL HEIGHTS	14	1	4	1	20
COVINGTON	7	0	0	0	7
CULPEPER CO.	17	5	3	3	28
CUMBERLAND CO.	8	0	1	1	10
DANVILLE	94	8	9	3	114
DICKENSON CO.	1	0	0	0	1
DINWIDDIE CO.	25	3	2	4	34
EMPORIA	19	0	0	0	19
ESSEX CO.	5	3	0	0	8
FAIRFAX	51	7	8	3	69
FAIRFAX CO.	866	56	95	104	1,121
FALLS CHURCH	26	2	1	3	32
FAUQUIER CO.	32	0	3	4	39
FLOYD CO.	4	0	0	0	4
FLUVANNA CO.	16	1	7	0	24
FRANKLIN	26	2	0	1	29
FRANKLIN CO.	13	2	2	1	18

NOTE: At the end of 2001, the independent city of Clifton Forge reverted back to a town within Alleghany Co.

TABLE 27. HIV Cases by Locality and Year of Report ¹⁶ (continued)

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
FREDERICK CO.	10	0	1	0	11
FREDERICKSBURG	52	2	1	3	58
GALAX	4	0	1	0	5
GILES CO.	2	1	1	0	4
GLOUCESTER CO.	28	1	3	2	34
GOOCHLAND CO.	56	4	7	6	73
GRAYSON CO.	1	1	0	0	2
GREENE CO.	1	1	2	0	4
GREENSVILLE CO.	64	5	4	7	80
HALIFAX CO.	55	1	4	6	66
HAMPTON	353	30	41	16	440
HANOVER CO.	43	1	4	0	48
HARRISONBURG	22	1	1	1	25
HENRICO CO.	303	25	21	15	364
HENRY CO.	21	3	0	1	25
HOPEWELL	35	9	2	8	54
ISLE OF WIGHT CO.	21	0	1	2	24
JAMES CITY CO.	5	1	2	3	11
KING AND QUEEN CO.	5	0	3	0	8
KING GEORGE CO.	10	0	1	1	12
KING WILLIAM CO.	7	1	1	0	9
LANCASTER CO.	16	1	3	1	21
LEE CO.	4	0	0	1	5
LEXINGTON	0	1	1	0	2
LOUDOUN CO.	69	6	3	11	89
LOUISA CO.	21	1	3	1	26
LUNENBURG CO.	22	2	2	2	28
LYNCHBURG	133	3	8	6	150
MADISON CO.	6	2	2	0	10
MANASSAS	116	9	4	1	130
MANASSAS PARK	8	0	0	0	8
MARTINSVILLE	22	4	2	2	30
MATHEWS CO.	3	1	0	0	4
MECKLENBURG CO.	51	4	5	8	68
MIDDLESEX CO.	6	0	0	1	7
MONTGOMERY CO.	24	0	0	0	24
NELSON CO.	11	1	0	0	12
NEW KENT CO.	8	1	0	1	10
NEWPORT NEWS	514	47	61	25	647
NORFOLK	1,730	107	100	74	2,011
NORTHAMPTON CO.	37	1	0	0	38
NORTHUMBERLAND CO.	11	3	0	0	14
NORTON	1	0	0	0	1
NOTTOWAY CO.	49	4	2	2	57
ORANGE CO.	19	2	4	1	26
PAGE CO.	11	0	0	0	11

TABLE 27. HIV Cases by Locality and Year of Report ¹⁶ (continued)

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
PATRICK CO.	5	0	0	0	5
PETERSBURG	229	11	21	16	277
PITTSYLVANIA CO.	27	1	4	4	36
POQUOSON	3	0	0	0	3
PORTSMOUTH	498	26	35	27	586
POWHATAN CO.	94	2	5	2	103
PRINCE EDWARD CO.	23	1	1	2	27
PRINCE GEORGE CO.	37	1	2	1	41
PRINCE WILLIAM CO.	217	33	31	22	303
PULASKI CO.	14	1	0	0	15
RADFORD	4	1	1	0	6
RAPPAHANNOCK CO.	1	0	1	1	3
RICHMOND	1,687	67	91	71	1,916
RICHMOND CO.	22	4	4	0	30
ROANOKE	391	15	18	5	429
ROANOKE CO.	14	6	1	1	22
ROCKBRIDGE CO.	6	1	0	0	7
ROCKINGHAM CO.	17	0	4	0	21
RUSSELL CO.	9	0	0	0	9
SALEM	17	1	1	0	19
SCOTT CO.	4	0	0	0	4
SHENANDOAH CO.	8	0	2	1	11
SMYTH CO.	19	1	2	0	22
SOUTHAMPTON CO.	18	0	0	0	18
SPOTSYLVANIA CO.	20	5	2	1	28
STAFFORD CO.	24	1	3	4	32
STAUNTON	35	1	2	2	40
SUFFOLK	130	6	11	10	157
SURRY CO.	5	0	2	0	7
SUSSEX CO.	24	4	3	5	36
TAZEWELL CO.	11	1	0	0	12
VIRGINIA BEACH	748	47	34	40	869
WARREN CO.	15	0	1	3	19
WASHINGTON CO.	6	1	1	1	9
WAYNESBORO	18	0	1	0	19
WESTMORELAND CO.	13	1	0	1	15
WILLIAMSBURG	66	2	0	2	70
WINCHESTER	49	0	6	2	57
WISE CO.	14	1	2	0	17
WYTHE CO.	8	3	4	0	15
YORK CO.	28	2	3	0	33
TOTAL	11,925	795	977	696	14,393

TABLE 28. AIDS Cases by Locality and Year of Report ¹⁶

LOCALITY	1982 - 1999	2000	2001	2002	TOTAL	DEATHS [*]	
						No.	% Dead
ACCOMACK CO.	74	5	4	3	86	41	47.7
ALBEMARLE CO.	43	0	10	0	53	25	47.2
ALEXANDRIA	774	56	55	34	919	459	49.9
ALLEGHANY CO.	11	1	1	0	13	6	46.2
AMELIA CO.	15	0	0	0	15	9	60.0
AMHERST CO.	16	3	0	0	19	8	42.1
APPOMATTOX CO.	18	0	4	0	22	10	45.5
ARLINGTON CO.	1,005	82	72	43	1,202	681	56.7
AUGUSTA CO.	31	1	5	1	38	17	44.7
BATH CO.	3	0	0	0	3	*	*
BEDFORD	4	0	2	0	6	*	*
BEDFORD CO.	21	1	4	1	27	16	59.3
BLAND CO.	4	0	1	0	5	*	*
BOTETOURT CO.	15	0	2	1	18	12	66.7
BRISTOL	13	0	0	1	14	6	42.9
BRUNSWICK CO.	37	4	4	1	46	23	50.0
BUCHANAN CO.	12	0	0	0	12	7	58.3
BUCKINGHAM CO.	55	3	6	2	66	25	37.9
BUENA VISTA	5	1	0	0	6	6	100.0
CAMPBELL CO.	33	6	4	0	43	24	55.8
CAROLINE CO.	21	4	0	0	25	13	52.0
CARROLL CO.	6	0	1	0	7	5	71.4
CHARLES CITY CO.	5	0	1	0	6	3	50.0
CHARLOTTE CO.	10	1	0	1	12	6	50.0
CHARLOTTESVILLE	127	5	11	1	144	67	46.5
CHESAPEAKE	252	26	20	20	318	154	48.4
CHESTERFIELD CO.	181	16	12	4	213	96	45.1
CLARKE CO.	11	0	0	0	11	6	54.5
COLONIAL HEIGHTS	17	0	0	0	17	7	41.2
COVINGTON	8	2	1	1	12	5	41.7
CULPEPER CO.	45	2	6	1	54	24	44.4
CUMBERLAND CO.	7	0	0	1	8	5	62.5
DANVILLE	95	5	11	5	116	70	60.3
DICKENSON CO.	2	0	0	0	2	*	*
DINWIDDIE CO.	20	1	3	0	24	11	45.8
EMPORIA	13	1	0	2	16	7	43.8
ESSEX CO.	4	0	1	0	5	3	60.0
FAIRFAX	50	3	2	0	55	22	40.0
FAIRFAX CO.	1,209	90	91	106	1,496	766	51.2
FALLS CHURCH	40	5	2	2	49	25	51.0
FAUQUIER CO.	34	3	4	2	43	26	60.5
FLOYD CO.	4	0	0	0	4	4	100.0
FLUVANNA CO.	19	4	4	1	28	7	25.0
FRANKLIN	21	2	0	1	24	13	54.2
FRANKLIN CO.	13	2	1	1	17	5	29.4

NOTE: At the end of 2001, the independent city of Clifton Forge reverted back to a town within Alleghany Co.

TABLE 28. AIDS Cases by Locality and Year of Report ¹⁶ (continued)

LOCALITY	1982 - 1999	2000	2001	2002	TOTAL	DEATHS [*]	
						No.	% Dead
FREDERICK CO.	26	2	3	1	32	17	53.1
FREDERICKSBURG	71	2	4	2	79	44	55.7
GALAX	5	0	0	1	6	3	50.0
GILES CO.	7	0	1	0	8	5	62.5
GLOUCESTER CO.	29	3	3	4	39	23	59.0
GOOCHLAND CO.	33	10	5	2	50	22	44.0
GRAYSON CO.	5	0	0	0	5	4	80.0
GREENE CO.	3	0	0	0	3	*	*
GREENSVILLE CO.	46	4	2	4	56	27	48.2
HALIFAX CO.	64	5	3	0	72	43	59.7
HAMPTON	273	26	35	14	348	180	51.7
HANOVER CO.	50	5	1	1	57	34	59.6
HARRISONBURG	24	3	2	0	29	9	31.0
HENRICO CO.	334	13	23	4	374	209	55.9
HENRY CO.	37	3	2	0	42	21	50.0
HOPEWELL	48	5	2	4	59	30	50.8
ISLE OF WIGHT CO.	27	2	2	1	32	15	46.9
JAMES CITY CO.	13	2	1	4	20	11	55.0
KING AND QUEEN CO.	5	1	1	1	8	3	37.5
KING GEORGE CO.	12	0	0	2	14	6	42.9
KING WILLIAM CO.	7	1	0	0	8	6	75.0
LANCASTER CO.	14	0	0	1	15	11	73.3
LEE CO.	7	1	0	0	8	*	*
LEXINGTON	5	2	0	0	7	*	*
LOUDOUN CO.	78	5	9	9	101	53	52.5
LOUISA CO.	29	1	3	2	35	19	54.3
LUNENBURG CO.	31	5	2	0	38	18	47.4
LYNCHBURG	125	20	13	6	164	82	50.0
MADISON CO.	6	0	1	0	7	5	71.4
MANASSAS	69	5	6	12	92	36	39.1
MANASSAS PARK	1	0	3	0	4	*	*
MARTINSVILLE	31	1	0	1	33	23	69.7
MATHEWS CO.	7	1	0	0	8	5	62.5
MECKLENBURG CO.	61	3	5	4	73	40	54.8
MIDDLESEX CO.	6	1	0	1	8	*	*
MONTGOMERY CO.	35	1	2	0	38	22	57.9
NELSON CO.	8	0	1	0	9	5	55.6
NEW KENT CO.	14	0	3	0	17	6	35.3
NEWPORT NEWS	383	39	48	15	485	244	50.3
NORFOLK	1,289	92	128	52	1,561	744	47.7
NORTHAMPTON CO.	25	4	1	0	30	14	46.7
NORTHUMBERLAND CO.	10	1	1	1	13	9	69.2
NORTON	1	0	0	1	2	*	*
NOTTOWAY CO.	54	0	3	2	59	29	49.2
ORANGE CO.	21	2	4	2	29	11	37.9
PAGE CO.	13	0	0	1	14	10	71.4

TABLE 28. AIDS Cases by Locality and Year of Report ¹⁶ (continued)

LOCALITY	1982 - 1999	2000	2001	2002	TOTAL	DEATHS ⁷	
						No.	% Dead
PATRICK CO.	9	0	0	0	9	8	88.9
PETERSBURG	185	13	12	7	217	95	43.8
PITTSYLVANIA CO.	29	0	2	4	35	19	54.3
POQUOSON	6	0	0	0	6	5	83.3
PORTSMOUTH	370	31	45	23	469	237	50.5
POWHATAN CO.	137	4	3	3	147	82	55.8
PRINCE EDWARD CO.	26	2	0	1	29	15	51.7
PRINCE GEORGE CO.	26	2	2	0	30	14	46.7
PRINCE WILLIAM CO.	276	27	33	30	366	152	41.5
PULASKI CO.	18	0	0	0	18	11	61.1
RADFORD	5	0	0	0	5	5	100.0
RAPPAHANNOCK CO.	3	0	0	0	3	3	100.0
RICHMOND	1,392	102	69	40	1,603	899	56.1
RICHMOND CO.	19	1	2	0	22	5	22.7
ROANOKE	346	22	20	12	400	224	56.0
ROANOKE CO.	33	2	1	1	37	26	70.3
ROCKBRIDGE CO.	7	0	0	0	7	4	57.1
ROCKINGHAM CO.	23	1	4	0	28	15	53.6
RUSSELL CO.	9	1	0	0	10	6	60.0
SALEM	23	2	2	2	29	13	44.8
SCOTT CO.	4	0	0	0	4	3	75.0
SHENANDOAH CO.	13	1	1	0	15	9	60.0
SMYTH CO.	10	1	2	0	13	7	53.8
SOUTHAMPTON CO.	16	2	1	0	19	10	52.6
SPOTSYLVANIA CO.	28	3	3	7	41	13	31.7
STAFFORD CO.	47	3	5	9	64	24	37.5
STAUNTON	37	1	5	1	44	22	50.0
SUFFOLK	92	15	8	4	119	66	55.5
SURRY CO.	7	0	0	0	7	5	71.4
SUSSEX CO.	26	4	3	2	35	12	34.3
TAZEWELL CO.	12	4	0	1	17	8	47.1
VIRGINIA BEACH	669	38	60	35	802	371	46.3
WARREN CO.	24	2	5	1	32	15	46.9
WASHINGTON CO.	18	1	1	1	21	11	52.4
WAYNESBORO	16	0	1	0	17	9	52.9
WESTMORELAND CO.	21	0	3	2	26	12	46.2
WILLIAMSBURG	54	3	1	1	59	36	61.0
WINCHESTER	64	3	5	2	74	36	48.6
WISE CO.	13	2	1	0	16	10	62.5
WYTHE CO.	13	1	1	2	17	7	41.2
YORK CO.	31	2	1	0	34	25	73.5
SUM OF CELLS <3 ¹⁶					54	15	27.8
TOTAL	12,002	902	970	582	14,456	7,387	51.1

* AIDS deaths are added to this list when they equal or exceed 3.¹⁶

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TABLE 29. Total AIDS Cases and Annual Rates per 100,000 by Metropolitan Area Ranked by Rates

US CITIES	January 2001 - December 2001		Cumulative		
	Cases	Rate	Adult/ Adolescents	Pediatric	Total
1. New York, NY	6,152	65.9	124,201	2,036	126,237
2. Miami, FL	1,232	53.8	24,868	489	25,357
3. Baltimore, MD	1,287	50.0	15,580	212	15,792
4. Jersey City, NJ	256	42.1	6,735	120	6,855
5. Fort Lauderdale, FL	689	41.3	13,345	249	13,594
6. West Palm Beach, FL	459	39.4	7,912	206	8,118
7. Baton Rouge, LA	221	36.4	2,110	19	2,129
8. San Juan, PR	701	35.3	16,130	242	16,372
9. Newark, NJ	711	34.8	17,469	327	17,796
10. San Francisco, CA	596	34.6	28,391	47	28,438
11. Wilmington, DE	197	33.1	2,235	17	2,252
12. Washington, DC	1,657	32.8	24,549	295	24,844
13. Columbia, SC	178	32.7	2,197	18	2,215
14. Orlando, FL	532	31.2	6,458	82	6,540
15. Atlanta, GA	1,293	30.3	17,041	116	17,157
:					
22. Norfolk, VA	334	21.1	4,061	63	4,124
:					
50. Richmond, VA	126	12.5	2,716	29	2,745

* Metropolitan Statistical Areas with populations greater than 500,000.

Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.2. Data through December 2001.

TABLE 30. Total AIDS Cases and Annual Rates per 100,000 by State of Residence Ranked by Rates

STATE	July 2000 - June 2001		Cumulative		
	Cases	Rate	Adult/ Adolescents	Pediatric	Total
1. District of Columbia	870	152.1	13,796	173	13,969
2. New York	7,476	39.3	147,065	2,276	149,341
3. Maryland	1,860	34.6	23,228	309	23,537
4. Puerto Rico	1,242	32.3	25,730	389	26,119
5. Florida	5,138	31.3	83,888	1,436	85,324
6. Delaware	248	31.1	2,803	24	2,827
7. U.S. Virgin Islands	35	28.6	501	17	518
8. Georgia	1,745	20.8	24,347	212	24,559
9. New Jersey	1,756	20.7	43,068	756	43,824
10. Louisiana	861	19.3	13,350	125	13,475
11. South Carolina	729	17.9	10,151	86	10,237
12. Connecticut	584	17.1	11,972	176	12,148
13. Pennsylvania	1840	15.0	26,033	336	26,369
14. Mississippi	418	14.3	4,821	56	4,877
15. Texas	2892	13.6	56,344	386	56,730
16. Virginia	951	13.2	13,842	176	14,018
Total	43,158	14.9	807,075	9,074	816,149

* National statistics reported for Virginia vary slightly from state statistics because report periods differ.

Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.2. Data through December 2001.

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TABLE 31. United States AIDS Cumulative Summary, Through December 2001

GENDER	Number of Cases	Percent (%) of Cases
Male	670,687	82.2
Female	145,461	17.8
Total*	816,149	100.0
RACE		
White	343,889	42.1
Black	313,180	38.4
Hispanic	149,752	18.3
Asian/Pacific Islander	6,157	0.8
American Indian/ Alaskan Native	2,537	0.3
Unknown	634	0.1
Total	816,149	100.0
AGE		
0-12	9,074	1.1
13-19	4,428	0.5
20-29	133,725	16.4
30-39	362,021	44.4
40-49	216,387	26.5
50 and Over	90,513	11.1
Total*	816,149	100.0
MODE OF TRANSMISSION		
Men Having Sex with Men (MSM)	368,971	45.2
Injecting Drug Users (IDU)	201,326	24.7
MSM & IDU	51,293	6.3
Hemophilia	5,292	0.6
Heterosexual Contact	90,131	11.0
Transfusion/Blood Products ⁴	8,971	1.1
No Identified Risk (NIR)	81,091	9.9
Adult/Adolescent Sub-Total	807,075	98.9
Pediatric	9,074	1.1
Total	816,149	100.0

* Total for Gender includes one unknown. Total for Age includes one unknown.
 Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.2. Data through December 2001.

TABLE 32. United States AIDS Cases, Living, Deceased, and Case Fatality Rates

	CASES*	LIVING*	DECEASED	CASE-FATALITY RATE
Pediatric	9,074	3,881	5,193	57.2
Adult/Adolescent	807,075	358,946	448,129	55.5
Total	816,149	362,827	453,322	55.5

*AIDS Cases Reported through December 2001, Estimated Living with AIDS through December 2000.
 Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.2. Data through December 2001.

TABLE 33. State Funded HIV Testing for Jan. - Jun. 2002

Clinic Type Specimen Type	Confidential						Anonymous			Total		
	Blood			Oral			Tested	Pos.	% Pos.	Tested	Pos.	% Pos.
GENDER	Tested	Pos.	% Pos.									
Male	10,189	107	1.1	1,089	23	2.1	848	15	1.8	12,126	145	1.2
Female	25,401	63	0.2	904	9	1.0	628	2	0.3	26,933	74	0.3
Unknown	1,607	7	0.4	65	1	1.5	29	1	3.4	1,701	9	0.5
Total	37,197	177	0.5	2,058	33	1.6	1,505	18	1.2	40,760	228	0.6
RACE												
White	15,473	28	0.2	499	4	0.8	968	4	0.4	16,940	36	0.2
Black	15,737	135	0.9	1,376	28	2.0	389	13	3.3	17,502	176	1.0
Asian/Pacific Islander	744	6	0.8	23	0	0.0	43	0	0.0	810	6	0.7
American Indian/Alaskan Native	88	0	0.0	1	0	0.0	4	0	0.0	93	0	0.0
Other/Unknown	5,155	8	0.2	159	1	0.6	101	1	1.0	5,415	10	0.2
Total	37,197	177	0.5	2,058	33	1.6	1,505	18	1.2	40,760	228	0.6
ETHNICITY												
Hispanic	5,782	12	0.2	122	0	0.0	101	0	0.0	6,005	12	0.2
Non-Hispanic	31,415	165	0.5	1,936	33	1.7	1,404	18	1.3	34,755	216	0.6
Total	37,197	177	0.5	2,058	33	1.6	1,505	18	1.2	40,760	228	0.6
AGE												
0-12	44	0	0.0	6	0	0.0	3	0	0.0	53	0	0.0
13-19	7,086	7	0.1	170	0	0.0	79	0	0.0	7,335	7	0.1
20-29	17,184	44	0.3	599	7	1.2	624	2	0.3	18,407	53	0.3
30-39	7,305	55	0.8	504	15	3.0	397	8	2.0	8,206	78	1.0
40-54	3,881	54	1.4	618	9	1.5	302	6	2.0	4,801	69	1.4
55 and Over	575	9	1.6	126	1	0.8	72	2	2.8	773	12	1.6
Unknown	1,122	8	0.7	35	1	2.9	28	0	0.0	1,185	9	0.8
Total	37,197	177	0.5	2,058	33	1.6	1,505	18	1.2	40,760	228	0.6
RISK INFORMATION												
Men who have Sex with Men	867	49	5.7	230	11	4.8	313	11	3.5	1,410	71	5.0
Injection Drug Use	558	8	1.4	305	7	2.3	31	0	0.0	894	15	1.7
Sex while using Non-Injection Drugs	3,149	27	0.9	502	10	2.0	106	2	1.9	3,757	39	1.0
Sex for Drugs and/or Money	585	11	1.9	190	3	1.6	27	1	3.7	802	15	1.9
Prior STD Diagnosis	5,376	32	0.6	348	3	0.9	91	0	0.0	5,815	35	0.6
Needle Sharing	281	6	2.1	188	5	2.7	16	0	0.0	485	11	2.3
Hemophilia/Transfusion	287	3	1.0	35	1	2.9	21	0	0.0	343	4	1.2
Child of Woman with HIV/AIDS	8	0	0.0	0	0		0	0		8	0	0.0
Victim of Sexual Assault	852	11	1.3	86	1	1.2	39	0	0.0	977	12	1.2
Healthcare Exposure	346	2	0.6	23	0	0.0	31	0	0.0	400	2	0.5
Multiple Heterosexual Partners	14,483	59	0.4	1,145	15	1.3	782	9	1.2	16,410	83	0.5
Heterosexual Relations with:												
Man who had Sex with another Man	560	43	7.7	239	8	3.3	234	9	3.8	1,033	60	5.8
Injection Drug User	579	6	1.0	378	3	0.8	24	0	0.0	981	9	0.9
HIV/AIDS Positive Person	316	29	9.2	64	5	7.8	76	5	6.6	456	39	8.6
Person with Other HIV/AIDS Risk	722	23	3.2	177	1	0.6	68	1	1.5	967	25	2.6
Multiple Heterosexual Partners	12,784	49	0.4	1,106	14	1.3	681	8	1.2	14,571	71	0.5
Unknown	15,880	53	0.3	320	2	0.6	242	2	0.8	16,442	57	0.3
No Acknowledged Risk	15,394	56	0.4	366	3	0.8	290	2	0.7	16,050	61	0.4

TABLE 34. State Funded HIV Counseling and Testing, Jan. - Jun. 2002

Clinic Type Specimen Type Reason for Testing	Confidential						Anonymous			Total		
	No.	Blood Pos.	% Pos.	No.	Oral Pos.	% Pos.	No.	Pos.	% Pos.	No.	Pos.	% Pos.
Volunteers	33,781	127	0.4	1,916	26	1.4	1,465	18	1.2	37,162	171	0.5
Referred by												
Partner	59	1	1.7	9	0	0.0	7	0	0.0	75	1	1.3
Provider	1,175	13	1.1	0	0	0.0	6	0	0.0	1,181	13	1.1
Other	2,182	36	1.6	133	7	5.3	27	0	0.0	2,342	43	1.8
Total	37,197	177	0.5	2,058	33	1.6	1,505	18	1.2	40,760	228	0.6
Post-Test Counseling		No.	%		No.	%		No.	%		No.	%
Positive Post-Test Counseled		95	53.7		21	63.6		11	61.1		127	55.7
Negative Post-Test Counseled		12,803	34.6		1,073	53.0		1,156	77.7		15,032	37.1
Total		12,898	34.7		1,094	53.2		1,167	77.5		15,159	37.2

TABLE 35. Comparison of State Funded HIV Testing in Virginia

	2000			2001			Jan. - Jun. 2002		
	No.	Pos.	% Pos.	No.	Pos.	% Pos.	No.	Pos.	% Pos.
Confidential	71,685	373	0.5	74,540	355	0.5	39,255	210	0.5
- Blood	71,685	373	0.5	74,540	355	0.5	37,197	177	0.5
- Oral*							2,058	33	1.6
Anonymous	3,893	59	1.5	3,556	57	1.6	1,505	18	1.2
Total	75,578	432	0.6	78,096	412	0.5	40,760	228	0.6

*Oral HIV Testing includes data only for 2002.

TABLE 36. State Funded HIV Testing - Patients Being Tested for the First Time*, Jan. - Jun. 2002

	Tested			Post-Test Counseling					
	No.	Pos.	% Pos.	Total No.	%	Positives No.	%	Negatives No.	%
Confidential	10,010	36	0.4	3,917	39.1	22	61.1	3895	39.1
- Blood	9,347	32	0.3	3,570	38.2	19	59.4	3551	38.1
- Oral	663	4	0.6	347	52.3	3	75.0	344	52.2
Anonymous	410	2	0.5	326	79.5	1	50.0	325	79.7
Total	10,420	38	0.4	4,243	40.7	23	60.5	4220	40.6

*Includes only those patients who responded "No" to the question: "Have you previously been tested for HIV?" on the HIV-1 laboratory form.

TABLE 37. Comparison of Sexually Transmitted Diseases in Virginia ¹¹

	2000		2001		Jan. - Sept. 2002	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Syphilis						
Primary/Secondary	126	1.80	102	1.44	54	1.02
Early Latent	140	2.00	133	1.88	74	1.39
Congenital	6	6.30	5	5.25	1	1.40
Gonorrhea	10,166	145.39	10,680	150.88	7,901	148.83
Chlamydial Infection	15,364	219.74	17,819	251.73	13,421	252.80

COMMONWEALTH OF VIRGINIA

TABLE 38. Selected Sexually Transmitted Diseases by Locality

Locality	January - September 2002					January - September 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸			Primary & Secondary	Early Latent	Total ¹⁸		
Accomack	0	0	8	96	13	1	0	2	121	22
Albemarle	0	0	0	22	5	0	0	0	25	4
Alexandria	7	3	19	209	79	1	6	21	249	47
Alleghany	0	0	0	1	0	0	0	1	7	6
Amelia	0	0	0	21	10	0	0	0	11	5
Amherst	0	1	1	41	37	0	0	1	66	29
Appomattox	0	0	0	23	26	0	0	1	27	23
Arlington	3	1	28	223	67	10	2	32	210	82
Augusta	0	0	0	32	2	0	0	1	35	12
Bath	0	0	0	8	1	0	0	0	13	1
Bedford City	0	0	0	28	13	0	0	0	47	10
Bedford Cnty	0	0	0	28	7	0	0	0	25	9
Bland	0	0	0	0	0	0	0	0	0	0
Botetourt	0	0	0	21	3	0	0	0	17	3
Bristol	0	0	0	48	3	0	0	0	54	4
Brunswick	0	0	0	24	16	0	0	1	37	35
Buchanan	0	0	0	14	1	0	0	0	4	0
Buckingham	0	0	1	24	15	0	0	0	23	9
Buena Vista	0	0	0	11	0	0	0	0	9	0
Campbell	0	0	0	39	39	0	0	1	60	37
Caroline	1	0	1	57	16	0	0	1	45	20
Carroll	0	0	0	39	2	0	0	0	26	1
Charles City	0	0	0	16	5	0	0	1	27	14
Charlotte	0	0	0	23	10	0	0	0	21	7
Charlottesville	0	0	0	243	61	0	1	1	259	52
Chesapeake	3	6	27	447	256	7	2	14	479	265
Chesterfield	2	0	8	232	98	0	1	3	227	124
Clarke	0	0	0	8	0	0	0	0	12	2

NOTE: At the end of 2001, the independent city of Clifton Forge reverted back to a town within Alleghany Co.

COMMONWEALTH OF VIRGINIA

TABLE 38. Selected Sexually Transmitted Diseases by Locality

(continued)

Locality	January - September 2002					January - September 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸			Primary & Secondary	Early Latent	Total ¹⁸		
Colonial Heights	0	0	1	38	12	0	1	1	38	20
Covington	0	0	0	13	0	0	0	0	14	4
Craig	0	0	0	2	0	0	0	0	3	0
Culpeper	0	0	1	60	30	0	0	1	92	24
Cumberland	0	0	1	10	6	0	0	0	8	2
Danville	0	5	9	369	199	8	12	27	373	178
Dickenson	0	0	0	8	0	0	0	0	9	1
Dinwiddie	0	0	0	16	6	0	0	1	28	7
Emporia	0	0	3	44	15	0	2	2	55	26
Essex	0	0	1	35	17	0	0	0	38	18
Fairfax City	0	0	1	44	24	0	0	0	90	7
Fairfax Cnty	4	8	48	523	143	2	0	26	512	150
Falls Church	0	1	9	65	11	1	0	3	65	13
Fauquier	1	0	1	55	13	0	0	1	62	12
Floyd	0	0	0	7	0	0	0	0	1	0
Fluvanna	0	0	0	25	5	0	1	1	28	3
Franklin City	0	0	2	78	40	0	0	1	80	41
Franklin Cnty	0	0	2	23	6	0	0	1	37	13
Frederick	0	0	1	30	4	0	0	0	30	2
Fredericksburg	2	1	3	160	54	1	0	5	189	29
Galax	0	0	0	20	3	0	0	0	13	1
Giles	0	0	0	15	3	0	0	0	9	0
Gloucester	0	0	0	48	13	0	0	0	45	9
Goochland	0	0	0	25	3	1	1	3	19	9
Grayson	0	0	0	8	1	0	0	0	6	0
Greene	0	0	0	14	2	0	0	0	13	0
Greensville	0	0	1	2	1	0	0	0	2	2

COMMONWEALTH OF VIRGINIA

TABLE 38. Selected Sexually Transmitted Diseases by Locality

(continued)

Locality	January - September 2002					January - September 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸			Primary & Secondary	Early Latent	Total ¹⁸		
Halifax	0	1	1	62	45	0	1	1	77	29
Hampton	1	0	6	509	313	1	2	15	514	361
Hanover	2	1	3	76	51	0	0	1	50	13
Harrisonburg	0	0	1	41	2	1	1	5	85	15
Henrico	0	4	6	226	159	0	4	7	269	164
Henry	0	0	1	101	47	0	4	4	65	49
Highland	0	0	0	2	0	0	0	0	0	0
Hopewell	0	0	1	55	32	0	0	0	58	45
Isle of Wight	0	1	1	69	50	0	0	1	88	41
James City	0	0	0	6	8	0	0	0	9	8
King and Queen	0	0	0	13	3	0	0	0	17	8
King George	0	0	0	41	14	0	0	1	48	17
King William	0	0	0	28	13	0	0	0	20	5
Lancaster	0	0	0	29	25	0	0	0	42	12
Lee	0	0	0	12	2	0	0	0	8	0
Lexington	0	0	0	9	1	0	1	2	14	3
Loudoun	1	1	3	118	23	0	0	4	154	40
Louisa	0	0	0	38	12	0	0	0	30	12
Lunenburg	0	0	1	11	5	0	0	0	25	8
Lynchburg	0	1	2	207	222	0	0	3	275	220
Madison	0	0	0	17	4	0	0	0	12	8
Manassas	0	2	6	88	32	0	0	4	94	22
Manassas Park	0	0	0	4	1	0	0	0	7	3
Martinsville	0	0	0	100	70	0	1	1	97	53
Mathews	0	0	0	9	4	0	1	2	3	0
Mecklenburg	0	1	6	57	39	0	0	0	92	64
Middlesex	0	0	0	16	2	0	0	0	16	1
Montgomery	0	0	0	84	15	0	0	0	52	13

COMMONWEALTH OF VIRGINIA

TABLE 38. Selected Sexually Transmitted Diseases by Locality

(continued)

Locality	January - September 2002					January - September 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸			Primary & Secondary	Early Latent	Total ¹⁸		
Nelson	0	0	0	20	1	0	0	0	25	3
New Kent	0	0	0	19	13	0	0	0	13	7
Newport News	0	0	11	711	719	4	2	12	792	695
Norfolk	13	10	39	973	1,119	26	19	65	1034	1087
Northampton	0	0	2	46	12	0	0	2	54	7
Northumberland	0	0	0	36	25	0	0	0	40	6
Norton	0	0	0	4	0	0	0	0	1	0
Nottoway	0	0	0	49	20	0	0	1	40	19
Orange	0	0	0	47	6	0	0	0	46	3
Page	0	0	0	21	3	0	0	0	25	1
Patrick	0	0	0	13	8	0	0	0	18	12
Petersburg	0	1	14	239	192	0	2	3	292	322
Pittsylvania	0	2	2	95	48	1	3	5	120	64
Poquoson	0	0	0	6	1	0	0	0	4	1
Portsmouth	3	7	25	415	299	1	3	7	379	329
Powhatan	0	0	3	17	2	1	1	3	9	4
Prince Edward	0	0	2	38	19	0	0	0	54	17
Prince George	0	0	1	145	33	0	0	0	151	56
Prince William	0	2	9	444	143	0	1	10	427	140
Pulaski	0	0	0	21	5	0	0	0	29	6
Radford	0	0	0	54	8	0	0	0	34	6
Rappahannock	0	0	0	7	3	0	0	0	7	0
Richmond City	2	10	21	1,822	1,444	9	24	48	1,332	1,469
Richmond Cnty	0	0	0	19	9	0	0	0	22	12
Roanoke City	0	0	7	370	267	0	1	6	481	243
Roanoke Cnty	0	0	0	17	6	0	0	0	22	6
Rockbridge	0	0	0	12	0	0	0	0	11	5
Rockingham	0	0	0	34	3	0	0	2	42	2

COMMONWEALTH OF VIRGINIA

TABLE 38. Selected Sexually Transmitted Diseases by Locality

(continued)

Locality	January - September 2002				
	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸		
Russell	0	0	0	10	0
Salem	0	0	0	35	13
Scott	0	0	0	10	3
Shenandoah	0	0	0	23	5
Smyth	0	0	0	44	6
Southampton	0	0	0	57	22
Spotsylvania	0	0	0	54	11
Stafford	0	0	2	74	17
Staunton	0	0	1	65	19
Suffolk	2	3	17	308	235
Surry	0	0	0	28	13
Sussex	0	0	2	21	13
Tazewell	0	0	0	16	0
Virginia Beach	7	1	25	799	421
Warren	0	0	0	47	16
Washington	0	0	0	7	2
Waynesboro	0	0	0	78	22
Westmoreland	0	0	0	49	14
Williamsburg	0	0	2	83	38
Winchester	0	0	0	109	20
Wise	0	0	0	19	3
Wythe	0	0	0	18	1
York	0	0	0	30	9
TOTAL	54	74	400	13,421	7,901

Locality	January - September 2001				
	Syphilis			Chlamydia	Gonorrhea
	Primary & Secondary	Early Latent	Total ¹⁸		
Russell	0	0	0	8	0
Salem	0	0	0	29	11
Scott	0	0	0	10	2
Shenandoah	1	0	1	22	1
Smyth	0	0	0	31	4
Southampton	0	0	0	60	24
Spotsylvania	0	0	2	87	17
Stafford	0	0	3	87	22
Staunton	0	0	0	77	25
Suffolk	1	1	6	282	248
Surry	0	0	0	27	11
Sussex	0	0	0	22	15
Tazewell	0	0	0	13	0
Virginia Beach	2	3	30	841	412
Warren	0	0	0	52	12
Washington	0	0	0	4	2
Waynesboro	0	0	2	90	30
Westmoreland	0	0	0	52	17
Williamsburg	0	2	3	60	52
Winchester	0	0	1	135	12
Wise	0	0	0	24	1
Wythe	1	0	1	18	2
York	0	0	0	36	12
TOTAL	81	106	418	13,787	8,062

**TABLE 39. Sexually Transmitted Diseases by Age, Race and Gender
for January through September 2002**

PRIMARY & SECONDARY SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	1	3	0	0	0	0	1	3	4
20-24	3	0	4	2	0	0	0	0	7	2	9
25-29	0	0	5	1	1	0	0	0	6	1	7
30-34	4	0	5	0	0	0	0	0	9	0	9
35-39	3	0	2	1	0	0	0	0	5	1	6
40-44	1	0	3	4	0	0	0	0	4	4	8
45-54	4	1	2	0	0	0	0	0	6	1	7
55-64	1	0	2	1	0	0	0	0	3	1	4
65-98	0	0	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	16	1	24	12	1	0	0	0	41	13	54

EARLY LATENT SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	1	0	0	0	0	0	1	1
15-19	0	1	1	4	0	0	0	0	1	5	6
20-24	1	1	4	4	2	1	0	0	7	6	13
25-29	1	0	1	2	1	0	0	0	3	2	5
30-34	0	0	4	4	2	0	0	0	6	4	10
35-39	0	1	5	4	1	0	1	0	7	5	12
40-44	1	0	10	1	1	0	0	0	12	1	13
45-54	1	0	4	4	0	0	1	0	6	4	10
55-64	0	1	1	1	0	0	0	0	1	2	3
65-98	0	0	0	1	0	0	0	0	0	1	1
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	4	30	26	7	1	2	0	43	31	74

TOTAL EARLY SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	1	0	0	0	0	0	1	1
15-19	0	1	2	7	0	0	0	0	2	8	10
20-24	4	1	8	6	2	1	0	0	14	8	22
25-29	1	0	6	3	2	0	0	0	9	3	12
30-34	4	0	9	4	2	0	0	0	15	4	19
35-39	3	1	7	5	1	0	1	0	12	6	18
40-44	2	0	13	5	1	0	0	0	16	5	21
45-54	5	1	6	4	0	0	1	0	12	5	17
55-64	1	1	3	2	0	0	0	0	4	3	7
65-98	0	0	0	1	0	0	0	0	0	1	1
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	20	5	54	38	8	1	2	0	84	44	128

**TABLE 39. Sexually Transmitted Diseases by Age, Race and Gender
for January through September 2002**

TOTAL SYPHILIS ¹⁸

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	0	0	0	1	0	0	0	0	0	1	1
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	1	1	0	0	0	0	1	1	2
15-19	0	1	2	7	0	0	0	0	2	8	10
20-24	4	1	10	12	4	6	1	1	19	20	39
25-29	2	1	17	8	14	7	0	1	33	17	50
30-34	4	1	17	15	9	6	0	0	30	22	53
35-39	7	2	15	11	4	2	1	0	27	15	43
40-44	6	2	30	15	5	0	1	2	42	19	62
45-54	14	3	35	16	8	4	1	0	58	23	81
55-64	3	2	10	9	2	0	0	4	15	15	30
65-98	1	2	4	14	2	0	4	1	11	17	29
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	41	15	141	109	48	25	8	9	238	158	400

GONORRHEA

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	1	0	0	1	0	0	0	0	1	1	2
5-9	0	0	0	0	0	0	0	1	0	1	1
10-14	0	10	14	82	1	0	3	14	18	106	124
15-19	44	202	585	1,145	10	37	66	134	705	1,518	2,225
20-24	103	189	1,024	1,120	32	25	90	104	1,249	1,438	2,688
25-29	39	80	571	392	8	11	47	37	665	520	1,186
30-34	44	26	326	151	3	6	46	28	419	211	630
35-39	36	31	238	101	8	3	27	19	309	154	465
40-44	29	24	155	58	1	0	23	10	208	92	301
45-54	26	2	109	14	1	1	25	7	161	24	185
55-64	7	1	25	1	0	0	4	0	36	2	38
65-98	2	0	10	0	0	0	3	0	15	0	15
UNKNOWN	3	1	6	4	0	0	11	13	20	18	41
TOTAL	334	566	3,063	3,069	64	83	345	367	3,806	4,085	7,901

CHLAMYDIA

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL ¹⁹
0-4	2	2	5	3	0	0	1	1	8	6	14
5-9	0	0	0	1	0	0	0	0	0	1	1
10-14	1	56	8	162	0	3	0	29	9	250	259
15-19	99	1,168	403	2,642	29	224	67	510	598	4,544	5,147
20-24	223	1,040	549	2,288	71	256	99	452	942	4,036	4,984
25-29	73	330	263	661	37	132	70	187	443	1,310	1,753
30-34	40	89	132	238	11	68	39	78	222	473	696
35-39	24	47	42	88	5	17	23	27	94	179	273
40-44	16	17	36	40	9	6	5	16	66	79	145
45-54	11	8	15	9	1	1	4	14	31	32	63
55-64	3	0	4	6	0	0	0	2	7	8	15
65-98	0	1	1	0	0	0	2	0	3	1	4
UNKNOWN	0	8	7	9	2	3	7	29	16	49	67
TOTAL	492	2,766	1,465	6,147	165	710	317	1,345	2,439	10,968	13,421

CORRECTION

The article entitled “Ryan White Comprehensive AIDS Resources Emergency (CARE) Act” in the last edition of the *Division of HIV/STD Surveillance Quarterly (Vol. 10, No. 3, June 30, 2002)* should have also included that the HIV/AIDS Center at VCU also provides early intervention HIV services pursuant to the Ryan White CARE Act Title III in South Richmond and Petersburg.

We regret this omission and apologize for any confusion it may have caused.

TECHNICAL NOTES

The Commonwealth of Virginia has required the reporting of individuals testing positive for antibodies to Human Immunodeficiency Virus (HIV) since July 1989 and of individuals diagnosed with Acquired Immunodeficiency Syndrome (AIDS) since 1983. Syphilis and gonorrhea have been reported since 1941, and chlamydial infections have been reported since 1989.

Each issue of this report includes information received and tabulated through the last day of the quarter. Data are tabulated using date of report by the Virginia Department of Health, Division of HIV/STD, unless otherwise noted.

1. HIV age group tabulations are based on the person's age when the earliest positive HIV test was documented. AIDS age group tabulations are based on the person's age at diagnosis of AIDS. Adolescent/adult cases include persons 13 years of age and older; pediatric cases include children under 13 years of age.
2. "Men Having Sex with Men (MSM)" includes men who report sexual contact with other men and men who report sexual contact with both men and women.
3. "Heterosexual Contact" includes persons who report specific heterosexual contact with an HIV-infected person or with a person at increased risk for HIV infection (e.g., an injecting drug user). Previously, individuals born in "Pattern II" countries were presumed to have acquired HIV infection through heterosexual contact and were included in the "heterosexual contact" mode of transmission. For cases entered after January 1, 1993, being born in a Pattern II country is not considered a sufficiently documented risk for HIV transmission. [The term Pattern II was designated by the World Health Organization (MMWR 1988; 37:286-8, 293-5) to describe areas of sub-Saharan Africa and some Caribbean countries with a distinct transmission pattern in which most reported cases occurred in heterosexuals and the male-to-female ratio is approximately 1:1.]
4. "Transfusion Blood/Products" refers to transmitting of HIV via transfusing blood or blood products or transplanting tissue or organs before to March 1985. Cases reporting these modes of transmission after March, 1985 are recorded with this risk only after confirmatory investigations.
5. As of October 2001, "Multiple Heterosexual Contacts" has been redefined as HIV or AIDS cases having had sexual relations with ten or more lifetime heterosexual partners, or three or more heterosexual partners in the previous twelve months. Prior to October 2001, "Multiple Heterosexual Contacts" indicated HIV or AIDS cases having none of the other identified risk factors, but have had two or more heterosexual partners with undocumented risks.
6. "Undetermined/Unknown" includes HIV cases not counseled due to medical reasons or who refused counseling. Undetermined/Unknown also includes AIDS cases lost to surveillance follow-up and for which a risk could not be established.
7. It is possible for an adult/adolescent AIDS case to have a pediatric mode of transmission.
8. Due to small cell size, only regional totals are provided. District totals are combined into the Other/Unknown category.
9. Cell size is too small to report; frequency is added to Other/Unknown categories if too small to report separately.
10. "Other" includes hemophilia, transfusion blood/products, pediatric, multiple heterosexual contact undetermined/unknown and no identified risk.
11. Rates are based on 2000 US Census Data and adjusted quarterly for comparison.
12. HIV totals are cumulative from July 1989; AIDS totals are cumulative from 1982.
13. Due to small cell sizes, Hispanic, Asian/Pacific Islander and American Indian/Alaskan Native have been combined into "OTHER" to protect confidentiality. Totals for these racial/ethnic categories may be found in Table 1.
14. Due to small cell sizes, hemophilia includes males and females to protect confidentiality. This category includes all chronic bleeding problems due to a low level of any of the blood's circulating proteins that results in the inability of the blood to clot normally. The most common disorders are hemophilia A (factor VIII), hemophilia B (factor IX) and von Willebrand's disease. These disorders are treated with infusions of manufactured blood clotting factor products.
15. Due to reporting lags, year of diagnosis provides a more accurate indication of trends in the epidemic.

16. Localities are assigned based on the city or county of residence when the first positive HIV antibody test was performed (for HIV cases) and when AIDS was diagnosed (for AIDS cases). Different localities may be reported for HIV and AIDS for the same case. Changes of residence following each initial report (HIV and AIDS) are not reported. Cases reported by state and federal correctional facilities are assigned to the locality where the correctional facility is located. AIDS deaths are based on the locality of residence at the time of AIDS diagnosis. AIDS deaths indicate only AIDS cases known to have died; AIDS deaths are displayed for a locality when the number of deaths equals or exceeds 3.
17. Other pediatric modes of transmission include adult modes of transmission such as sexual contact or injecting drug use.
18. Total Syphilis includes Primary, Secondary, Early Latent, Late Latent and Congenital Syphilis.
19. Total includes cases where gender was not reported.
20. Immunologic refers to AIDS cases testing seropositive on HIV antibody tests and reporting an absolute CD4 value of $<200\mu\text{l}$ or a relative value of $<14\%$ of total lymphocytes with no evidence of opportunistic infection. This category was added to the AIDS case definition in January 1993 along with pulmonary tuberculosis, recurrent pneumonia and invasive cervical cancer.
21. Tables 34 and 35 summarize the number of HIV tests processed by the Division of Consolidated Laboratory Services (DCLS), the central state laboratory. Tests conducted by private laboratories are not included.
22. Incidence Rate per 100,000 is calculated by dividing the number of new cases reported by the population size during a defined length of time ($I = \# \text{ of new cases} / (\% \text{ of 1 year} \times \text{population}) \times 100,000$).

Virginia Department of Health

Division of HIV/STD Directory

Casey W. Riley, Director

Disease Reporting

HIV/AIDS case assistance

Regional Consultants	Northern	Jonne Warner, MPH	(804) 786-5189
	Northwest/Southwest	Suzanne Willis, MSW	(804) 371-4116
	Central	Joan Chaplin	(804) 371-6307
	Eastern	Nene Diallo, MPH	(804) 371-6306
Pediatric Coordinator	Statewide	Betsy Coleburn, MS	(804) 371-4115
STD Consultant	Statewide	John Barnhart, MPH	(804) 225-2615

Facsimile	(804) 225-3517
Chlamydia Prevention Program	(804) 786-3212
Screening, treatment and education	
Community Services	(804) 786-0877
Information on prevention funding, education resources, community planning, training and programs	
Health Care Services	(804) 786-9899
Information on AIDS Drug Assistance Program, Ryan White programs and healthcare	
HIV Counseling, Testing and Partner Counseling and Referral Services	(804) 371-2911
Information on HIV testing services and publicly funded counseling and testing sites; guidelines for HIV counseling, testing and partner counseling and referral	
HIV/STD and Viral Hepatitis Hotline	(800) 533-4148
Brochures, information, literature, posters	
Media and Communications	(804) 371-4122
Public relations campaigns, special events and media inquiries	
Statistical Requests	(800) 533-4148
HIV/AIDS/STD statistical data	
Syphilis Elimination Project	(804) 225-2241
Screening, treatment and education	
Viral Hepatitis Prevention and Control Program	(804) 692-0290
Information on education resources, training and referrals	

HIV/STD LITERATURE REQUEST FORM

REVISED AUGUST 2002

ALL NAMES MUST BE FULLY WRITTEN OUT NO ABBREVIATIONS

DATE: _____ PHONE: _____

NAME: Agency, or Company NAME

STREET ADDRESS: _____

PLEASE NOTE: NO P O BOX STREET ADDRESSES ONLY

IF YOU HAVE QUESTIONS ON PAMPHLETS AND QUANTITY PLEASE CALL 1-800-533-4148

PLEASE SPECIFY QUANTITY

VDH BROCHURES

- | | |
|--|---|
| _____ HD01 How to use a Condom (Rubber) | _____ HD09 Dear Marriage License Applicants |
| _____ HD02 HIV Antibody Test | _____ HD10 ABC's of Day Care Attendance |
| _____ HD03 Sexually Transmitted Diseases | _____ HD11 Guidelines for School Attendance (1 copy only) |
| _____ HD04 African-Americans: Take Steps To Protect Your Body | _____ HD12 What About This Disease Called CHLAMYDIA |
| _____ HD05 HIV FACTS-What are Your Risks? | _____ HD13 Virginia ADAP, <u>Information for Providers</u> |
| _____ HD06 Shooting Up and HIV/AIDS | _____ HD14 It's Your Body, Respect It! Protect It! (condom cover) |
| NEW → _____ HD07 Important Precautions for Tattoo & Body Piercing Staff | _____ HD15 <u>Information for Patients</u> ADAP |
| NEW → _____ HD08 Universal Precautions (card) (replaces AIDS in the Workplace) | |

CHANNING BETE BROCHURES

- | | |
|--|---|
| _____ CB01 You, Your Baby and HIV | _____ CB07 Genital Warts and HPVs-What you need to know |
| _____ CB02 Abstinence--Saying "No" to Sex | _____ CB08 About Herpes |
| _____ CB03 Anyone Can Get AIDS | _____ CB09 About Viral Hepatitis (NEW LOOK) |
| _____ CB04 Hepatitis C--What you should know | _____ CB11 About Pelvic Inflammatory Disease |
| _____ CB05 HIV, Women Get It Too | _____ CB12 About Vaginal Infections |
| _____ CB06 Young People Get HIV | _____ CB13 Stay Free From Hepatitis B |

POSTERS

- _____ VP02 "So You Think Chlamydia is a Flower?" (Adult)
_____ VP03 "Infection Control" (universal precautions)
_____ VP04 "So You Think Chlamydia is a Flower?" (Adult, SPANISH)
_____ VP05 "So You Think Chlamydia is a Flower?" (Teen, SPANISH)
_____ VPO7 "Pssst-Pssst" (pregnancy and HIV test)
_____ VPO8 "So You Think Chlamydia is a Flower?" (Teen)

SPANISH BROCHURES

- | | |
|---|---|
| _____ HS02 HIV Antibody Test | _____ BS03 Anyone Can Get AIDS |
| _____ HS06 Shooting Up and HIV/AIDS | _____ BS04 Hepatitis C--What you should know |
| NEW → _____ HS08 Universal Precautions (card) | _____ BS05 HIV, Women Get It Too |
| _____ HS12 What About This Disease Called CHLAMYDIA | _____ BS06 Young People Get AIDS |
| _____ HS14 It's Your Body, Respect It! Protect It! (condom cover) | _____ BS07 Genital Warts and HPVs-What You Need To Know |
| _____ HS15 <u>Information for Patients</u> ADAP | _____ BS13 Stay Free From Hepatitis B |
| _____ BS01 You, Your Baby and HIV | _____ BS14 Sex is Safer with a Condom |
| _____ BS02 Abstinence--Saying "NO" to Sex | _____ BS15 SEX & STDs, How to Stay Safe |

Mail all requests to:

Virginia Department of Health
Division of HIV/STD, Room 112
P.O. Box 2448
Richmond, VA 23218-2448
FAX: (804) 225-3517

Virginia Department of Health
Division of HIV/STD
P.O. Box 2448, Room 112
Richmond, Virginia 23218

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